

F. R. Fosberg

RECORD

J. R. Fosberg

Collection Number Book

# 7

No. 18200 — 19036

May 25, 1941 — Sept. 1, 1942

Eastern U. S.

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## Collection and Field Note Book

1.

No. 7

May 25, 1941 - Sept. 1, 1942

(Nos. 18200 - 19036)

## VIRGINIA

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Shenandoah Nat. Park, west from Swift Run Gap,  
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Fairfax Co., Sleepy Hollow, along Tripps  
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Springs, Dry Run, 6 mi. n.w. of Rawley Springs,  
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Beltsville, Md.  
April 12, 1945

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Dr. Frank Verdoorn  
P. O. Box 151  
Waltham, Mass.

Dear Verdoorn:

I guess we won't have to bother with anything about the Cinchona job, as Morrison has managed to scrape up enough money to get started on it. I will probably accept his proposition even though I am not at all satisfied with it. Moore and his outfit have completely fallen down on their agreement about the business. They are, I think, taking advantage of the fact that I am enough interested to conclude the thing even at some sacrifice, and getting it done for less money. I do not think they will profit any in the long run, but I doubt that any of them are able to look that far ahead.

You were certainly kind to call me the other night to suggest a solution.

It would be only as a last resort that I would be forced to work on it employed by the Cinchona growers, as there is an extreme prejudice on that score here in Washington, and there is no doubt that ~~the~~ <sup>impressive</sup> the agencies concerned here would prevent me from access to any of the data or specimens and the whole job would have to be done all over again, starting only with the data that I have in my head and in my own notebooks. I don't quite understand such a point of view, but it certainly exists. The only way such an interest, even Merck's, here could help in such a research would be to give the money to an institution like the Smithsonian to be used for the purpose. This would give these agencies at least the illusion of being able to control the sort of results that could be published.

I severed my connection yesterday with the FFA and am going to take a few days rest and perhaps a trip to Philadelphia and New York while my transfer is being arranged. If I get any encouragement on the items that I intend to talk about in New York I may write to you concerning them.

Although I haven't yet definitely accepted Morrison's proposition, I very probably will, and then my official address will be % Bureau of Plant Industry, Beltsville, Md. However, I will continue to have all mail sent to my home address in Falls Church.

Best wishes for a complete recovery from your recent operation.

Sincerely,

F. R. Pooberry

Bethesda, Md.  
April 11, 1943

Mr. Alfred B. Carr  
American Embassy  
Bogota, Colombia

Dear Mr. Carr:

Yesterday my connection with the FIA terminated, except for a period of leave without pay while I am being transferred to the Dept. of Agriculture. I am not at all sorry, as the atmosphere of the organization is not one in which I thrive.

The Dept. of Agriculture is taking over the botanical research in Colombia, but in a half-hearted sort of way since Congress is very weak. However, it will give me an opportunity to make something out of it and to work for further support later on to enable me to prosecute it.

I would greatly appreciate it if you would ask Al Folsom for an efficiency rating blank, fill it out for me right away for the period of March 1, 1942-March 1, 1943. I will have it in discussions about my transfer and status in the D.A. Furthermore, I have no feelings of confidence in getting a fair rating from anyone there in the office in Washington, and in fact, no one there has any right to make such a rating. Please turn this blank over to Folsom as soon as possible and see that he sends it right away.

This will be my last official contact with you, I presume, but I know that when you return we may get together and discuss the affairs of the universe.

Drew and Farnham are here. Drew is not having much success in getting a financial award, nor did Drew have any.

Very sincerely,

F. L. Fosberg

F. R. Forberg  
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Miniature Blank  
Book

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1956  
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2

Virginia

1941

Sleepy Hollow, near Tripp's Run

Fairfax Co. May 1941

moist rich wooded bottom  
land near stream

18200 Geranium

wet ground

01 Carex

02 *Ansaeina triphyllum* var. *montana* Tern.

03 Viburnum

same loc. desiccating marsh

Juncus

05 Carex lurida

06 Carex

07 *Ostis yoshinchium*same loc. dry knoll with  
scattered young pines and  
some young deciduous trees.

08 Vicia

09 Rubus

Fairfax Co.

3

- larger plants erect,
- flowers pale, dull pink.
- small tufts.
- erect, stout, stem brownish
- purple leaves green, not at all glaucous. tubular
- part of spathe green and
- white striped but not
- fluted, flaps green outside,
- purplish black within,
- corn rounded on bottom,
- bearing roots only on the flat top.
- shrub 3 m. tall, flowers white.

- erect, dense clumps.
- small spreading clumps.
- spikes pale green.
- plants loosely spreading.
- small tufts, stems
- spreading, flattened, roots
- yellow, flowers bright
- blue-lavender with yellow center.

- plant weak, flowers bright
- purple.
- plants solitary, erect, flowers white.

## 4 Virginia

1941

12 210 *Hedysarum purpureum* (L.) Engelm.  
 11 *Senecio pauperulans*  
 12  
 13 *Anthoxanthum odoratum*  
 14 *Panicum*  
 15 *Rumex acetosella*  
 16 *Rubus*  
 17 *Dactyloctenium spicata*  
 abundant in open spaces  
 18 *Chrysanthemum leucanthemum* L.  
 19 *Lepidium campestre*  
 20 *Erigeron*  
 21 *Trifolium*  
 22 *Smilax*

near head of  
 ravine running west from Swift  
 Run Gap, Shenandoah Natl Park,  
 Blue Ridge Mts., Rockingham Co.

23 ~~Rich wooded~~ <sup>slope and</sup> May 28, 1941  
 bottom of ravine.  
 24 *Dryopteris austriaca* (Jacq.) Wagn.  
*Hydrophyllum virginianum* L.  
 wooded slope  
 25 *Scutellaria serrata* Andr.  
 slope  
 26 *Aruncus dioicus* (Walt.) Fern.  
 slope  
 27 *Populus deltoides* Marsh.  
 ravine bottom near road

taupack - Shen Ph.

5

small tufts, flowers ~~bright~~  
 lavender-pink  
 flowers bright orange-yellow.  
 - flowers white, minute.  
 - scattered or in small  
 tufts  
 - in small strictly erect tufts.  
 - flowers yellow to reddish  
 plant low-arching, rooting  
 at tips of floras, fls white  
 small tufts  
 rays white, disk yellow.  
 erect  
 erect, rays white, disk yellow  
 fls lemon yellow  
 leaves slightly glaucous  
 beneath, prickles black,  
 flowers yellow.

flowers whitish.

fls. bright lavender-blue, tubs  
 whitish.

buds whitish-green

tree 3 m. tall

13228. *Trillium erectum*  
rich wooded bottom, near stream

29. *Botrychium virginianum* (L.) Sw.  
wooded bank near stream

30. *Orchis spectabilis* L.  
rich woods along stream

31. *Acer rubrum* L.  
wooded bottom

32. *Lindera benzoin* (L.) Bl.  
wooded bottom

33. *Betula lutea* Michx  
wooded bottom

34. *Mitella diphylla* L.  
~~wooded~~ wooded bottom

35. *Fagus grandifolia* Ehrh.  
plentiful in ravine bottom

36. *Medeola virginiana* L.  
wooded bottom

37. *Orobanche uniflora* L.  
wooded bottom, under beech trees,  
but possibly not parasitic  
on them.

38. *Plantago virginica* L.  
open disturbed slope

39. *Veronica arvensis* L. det R. McVaugh  
open disturbed slope

40. *Ranunculus bulbosus* L. det R. T. Mata  
opening in rich woods.

41. *Arabis laevigata* (Muhl.) Poir.  
opening in rich moist woods.

42. *Ranunculus recurvatus* Poir.  
opening in rich moist woods.

fruit maroon, pedicel deflexed

~~white~~ lavender becoming  
corolla, maroon crest, roots fleshy

tree 3 m. tall, leaves  
glaucous beneath

shrub 1 m. tall, aromatic  
when bruised

tree 10 m. tall, 1.5 dm. thick, bark  
of trunk metallic, <sup>dark</sup> yellow-gray,  
splitting and peeling

leaves dark green, seeds exposed

tree 15 m. tall, 2 dm. thick, bark  
of trunk gray, specimen taken  
from lower branches, sterile.

fls. greenish yellow with  
dark red styles.

plants whitish, ~~fl~~ corolla  
pale lavender with ~~purple~~  
violet hairs, especially  
around margins of lobes.

pale green

erect

flowers bright yellow.

18243. *Laxifraga meranthidifolia* Haw.  
edge of middle of water

44. *Arisaema atrorubens*  
rich woods

45. *Magnolia tripetala* L.  
ravine bottom

46. *Carex laxiculmis* Schneid.  
shaded ravine bottom

47. *Carex gracillima* Schneid.

48. *Carex* ~~laxiculmis~~ shaded ravine bottom

49. *Carex convoluta* Mack.  
shaded ravine bottom

49a. *Carex radiata* (Wahl.) Dewey  
shaded ravine bottom

50. *Poa pratensis*  
moist shaded ground near stream

51. *Festuca obtusa*  
shaded ravine bottom

13243. Carex pratincola

## Rawley Springs

Rockingham Co. May 27, 1941

Dry steep slope, partly  
brushy, partly thin mixed woods.

52. *Amelanchier*  
edge of woods

53. *Quercus*  
edge of woods

54. *Vaccinium*  
brushy slope

55. *Kalmia latifolia* L.  
abundant on brushy slope

56. *Epigaea repens* L.  
brushy slope

fls. white

leaves glaucous beneath

- spathe green, not fluted

- tree 8 m. tall, 3 dm. through,

- fl. whitish, unpleasantly fragrant

glaucous, spicles drooping.

loose clumps

small tuft

small tufts

erect

shrub 3 m. tall, apparently  
red, bitter.

small tree 8 m. tall, 1 dm. thick

leaves slightly glaucous beneath,  
fls. immature fruit very slightly  
glaucous, calyx lobes reddish.

- plant 3-4 dm. tall, stems green.

shrub 1 m. tall, fls. pink.

- fragrant

prostrate, corollas dried.

## 10 Virginia

1941

13257 *Guercus ilicifolia*  
brushy slope

58 *Xerophyllum asphodeloides* (L.) Nutt.  
large colony on brushy slope  
8 mi. S. & W. Rawley Springs  
on e. slope of Shenandoah Mt.  
Rockingham Co. May 28, 1941  
dry wooded slope

59 *Rubus*  
road embankment, abundant

60 *Vaccinium*

61 *Gaultheria procumbens* L.

62 *Rhododendron nudiflorum* (L.) Torr.

63 *Vaccinium*

64 *Gaultheria procumbens* (L.) Wang.

65 *Vaccinium stamineum*

66 *Andromeda floribunda* Pursh

67 *Vicia caroliniana* Walt.

68 *Pedicularis canadensis* L.

## Rockingham Co.

11

shrub 1 m. tall  
small clumps, mostly  
sterile, fls. white

erect to arching, 1 m. tall,  
fls. white

plants 4 dm. tall, corolla  
red, hypanthium glaucous.  
stems brown, greenish in  
upper part.  
prostrate stems greatly  
elongate, berries red,  
few.

shrub 1 m. tall, corolla tube  
deep rose, lobes pinkish  
white, unpleasantly  
fragrant (like chestnut blossoms).

plants about 4 dm. tall,  
stems brown, fls. greenish  
yellow to reddish, hypanthium  
glaucous.

plants 4 dm. tall,  
fls. reddish, fragrant,  
plant 1 dm. tall, fls. whitish

shrub, leaves dark green,  
fruit immature.

fls. magenta,  
somewhat aromatic

12 Virginia

1941

18269 *Vaccinium stamineum*

70

71 *Vaccinium*

72 *Vaccinium*

73 *Phlox ovata* L.

road cut.

74 *Rhododendron roseum* Rehd.

along Dry Run, 6 mi. n.w. of  
Rawley Springs, Rockingham Co.

rich mixed May 28, 1941  
woods on flat floor  
of valley.

75 *Fagus grandifolia* L.

76 *Epifagus virginiana* (L.) Benth.  
under beech trees

77 *Viola*

wet gravel in brook bed

78 *Viola*

wet gravel in brook bed

Rockingham Co.

13

shrub 3-4 dm. tall, glaucous

- fls. whitish.

plant with an oily odor,

- fls. chrome yellow.

plant 4 dm. tall, stems

~~greenish brown~~ brown & berries greenish -

- or pinkish-white.

leaves ~~slightly~~ glaucous beneath,

hypothecium somewhat

- glaucous

plant 1-2 dm. tall,

not glaucous except

- hypothecium.

fls. rose turning magenta

of shrub 1 m. tall, fls.

bright rose-pink, with  
a carnation odor.

tree ~~up to~~ 10 m. tall, 1 dm. thru,

- bark dark gray

dried last year plants

fls. white

fls. pale violet to whitish  
beneath.

fls. blue-violet

## 14 Virginia

1911

18280 *Rubus*thin woods or <sup>dry</sup> gravel81 *Ledum nervosum* Gray82 *Acer*

thin woods

83 *Languinaria canadensis* L.  
~~ad~~ thin woods84 *Carex*

rich woods

85 *Luzula*

rich woods

86 *Carex*

rich woods

87 *Carex* ~~ad~~ <sup>rich woods</sup>

rich woods

88 *Viola*

rich woods

89 *Carex*

rich woods

90 *Carex*

rich woods

91 *Ranunculus alleghaniensis* Benth.

rich woods

92 *Mitchella repens* L.

rich woods

93 *Potentilla*

rich woods

94 *Antennaria neodioica* Greene

rich woods

## Rockingham Co.

15

prostrate, fls. white

plant fleshy, with many  
roots at surface of litter.- scapes erect, fls. white  
small tree, light green.- stems  
root orange red.

clumps

small tufts

small tufts

isolated plants

erect, dark green

small tufts

spreading tufts  
glaucousprostrate, forming  
mats, leaves dull dark  
green above, with pale  
midrib, pale beneath,  
- fruit red.ascending, petals yellow.  
slightly emarginate.

## 16 Virginia

1941

18295 *Hedysotis caerulea* (L.) T. & G.  
rich woods96 *Aplectrum hyemale* (Muhl.) Torr.  
rich woods, scattered97 *Acer*

rich woods, shaded

98 *Menziesia pilosa* (Michx.) Less.  
rich woods99 *Acer*rich woods, ~~shaded~~ shaded18300 *Mitella*

rich woods

01 *Orchis spectabilis* L.

rich woods

02 *Viola*

rich woods

03 *Viola*

rich woods

04 *Arisaema triphyllum* (L.) Schott

rich woods

05 *Dicea palustris* L.

## Rockingham Co.

17

scattered small tufts,  
corolla limb lavender,  
throat yellow, tube  
yellowish white  
erect from fleshy, translucent  
white corm, leaves drying,  
flowers with outer segments  
brownish purple, inner  
greenish yellow tipped with  
purplish, fruit pendent  
corm with a "nutty" odor  
when cut.

tree 10 m. tall, specimen  
from lowest branch,  
leaves rather light green  
shrub 1.5 m. tall, leaves  
glaucous beneath, corolla  
yellow with red lobes,  
small tree, 7 m. tall,  
yellowish green  
leaves exposed

corolla marcescent, fruit  
erect,  
erect, in fruit only.

~~red~~ flowers violet,  
stems slightly pubescent,  
leaves green on both  
sides, not glaucous,  
spathe green, not fluted  
slightly purple-marked  
within,  
bush 1.5 m. tall, branches ~~and~~  
~~but~~ drooping at tips, fruit green!

18 Virginia

1941

W. slope of New Market Gap,  
Massanutten Mts.

Rockingham Co. - Fairfax Co

19

thinly  
dry-wooded slope  
May 23, 1941

19306 *Pseudotaenidia montana* Mack.  
thin woods

07 thin woods

08 Carex  
thin woods

09 *Stellaria pubera* Michx  
thin woods

10 Vaccinium  
thin woods

11 Vaccinium  
thin woods

12 *Morus rubra* L.  
edge of woods.

Gallows Road  
~0.7 mi. n.w. of Masonville, 1.7 mi. n.w.  
of Annandale, Fairfax Co. 1000

May 30, 1941

13 Vaccinium  
thin young second-growth woods.

14 *Kalmia latifolia* L

Gallows Road 0.3 mi. s. of Menifee.

Fairfax Co. 1100 m. May 30, 1941

15 dense second-growth woods  
*Gaultheria procumbens* (L.) Wang  
edge of woods, along road.

plant leaves with  
somewhat <sup>beneath</sup> ~~glaucous~~ <sup>glaucous</sup> ~~immature~~  
appearance, flowers yellow  
small tufts

fls. ~~whitish~~ <sup>white</sup> immature  
brush 5 dm. tall

brush ~~4-5 dm. tall~~  
glaucous  
shrub 3 m. tall, fruit red

— bush 1.5 m. tall, with light  
reddish-brown <sup>smooth</sup> bark, leaves  
pale beneath, & immature  
fruit not glaucous.

— bush 1.5 m. tall, flowers  
white with red dots above  
the anther-pockets.

bushes 6 dm. tall, fruit immature

20 Virginia

1941

18316 *Lyonia ligustrina*  
edge of woods along road

17 *Vaccinium*

18 *Hedysotis purpurea* (L.) T. & G.

19 *Rhus quercifolia* Michx.

edge of woods along road

20 *Vaccinium*

abundant, forming definite understorey  
of vegetation

21 *Vaccinium*

22 *Castanea pumila*

23 *Pyrus*

2 mi. w. of Fairfax, Fairfax Co.

May 30, 1941

climbing on fence beside road.

24 *Lonicera japonica* Thunb.  
growing with 18329

25 *Lonicera japonica* Thunb.  
growing with 18324

Fairfax Co.

21

bush 1 m. tall, flowers  
greenish-white, scarcely  
fragrant.

bush 1.5 m. tall, leaves  
glaucous and venulose  
beneath, immature

fruit slightly glaucous  
fls. leaves darker  
green above, flowers  
lavender.

plant erect, 6 dm. tall

plant 1-2 dm. tall, arching  
stems green, leaves  
glaucous beneath, immature

fruit glaucous.

bush 2 m. tall, bark dull  
gray-brown, branches  
horizontal and somewhat  
distichous, immature

fruit not at all glaucous.

bush 2.5 m. tall, flowers  
white, unpleasantly  
fragrant.

slender shrub 2 m. tall,  
lvs. pale green beneath

woody vine, leaves with dark  
red veins, fls. purple-pink outside,  
white inside, turning yellow, fragrant.

woody vine, leaves green, fls. white,  
turning yellow, fragrant.

22 Virginia

1941

0.5 mi. s.w. of Germantown, w. of  
 Fairfax ~~Co.~~ Fairfax. May 30, 1941.  
 old field.

218326 Carex

27 *Oenothera fruticosa* L.  
 with nos. 18328, 18329.

28 *Oenothera fruticosa* L.  
 with nos. 18327, 18329

29 *Oenothera fruticosa* L.  
 with nos. 18327, 18328

Accotink Creek, 1.5 mi. n. e. of  
 Fairfax, Fairfax Co. May 30, 1941  
 rich <sup>old</sup> woods with large  
 beech and tulip trees

30 shaded bottom-land near stream

31 shaded bottom-land near stream

32 *Dryopteris*  
 base of great beech tree

33 *Asplenium*  
 in deep litter, shaded bottom-land

34 *Fagus grandifolia* L.  
~~shrub~~ flat bottom-land, shaded

35 *Adiantum pedatum* L.  
 densely wooded slope,  
 thick undergrowth

36 *Dryopteris*  
 densely wooded slope, thick  
 undergrowth

Fairfax Co.

23

loose clump  
 flowers rich yellow  
 erect, flowers rich yellow  
 fls. rich yellow

small tuft

flowers hidden in litter,  
~~petioles~~ bluntly angled, lobes  
 maroon inside, reflexed  
 becoming more erect in fruit  
 small straight tree, 6 m. tall,  
 3 cm. thick, bark dull gray,  
 specimen from lower branches

rhizome buried

24 Virginia

1941

218337 *Hamamelis canadensis* L.  
densely wooded slope, with  
thick undergrowth.

38 *Euonymus*

densely wooded slope, with  
thick undergrowth.

39 *Carex*

densely wooded slope,  
with thick undergrowth

40 *Carpinus caroliniana*

dense woods, edge of road-  
clearing, abundant

41 *Galium aparine* L.

abundant under great beeches

42 *Fagus grandifolia* L.

abundant in dense woods,  
especially near stream

3 mi. S. of W. of Falls Church  
0.5 mi. S.E. of Merrifield, Fairfax Co.  
dense second-growth woods.

June 1, 1941 alt. 100 m.

43 *Diospyros virginiana* L.

edge of road clearing

44 *Lysimachia quadrifolia*

edge of road clearing, filled  
ground.

45 *Panicum*

edge of road clearing, filled ground

46 *Panicum*

edge of road clearing, filled ground

Fairfax Co.

25

raft orange-red, root  
fleshy, orange-red, capsule  
dehiscing from base, leaves  
very glaucous beneath,  
slender, weak, elongate  
shrub with dark green  
dark, fl. greenish-yellow  
turning reddish

tree 7 m tall, 1-1.5 dm thick,  
bark dull gray, not  
red color,  
weak annual, fruit green

great tree, about 30 m. tall,  
1 m thick, bark dull gray,  
sterile

small tree 3 m. tall, leaves  
more or less distichous,  
corolla white toward base,  
lobes yellowish, opening  
contracted

corolla lobes yellow, edged  
with red, red inside  
at base, stamens red.  
thick clump, erect.

thick spreading clump.

27347 *Panicum*  
edge of road clearing, filled ground

48 *Panicum*  
edge of road clearing, filled ground

49 *Smilax glauca*  
along trail, mixed woods

50 *Betula nigra*  
mixed woods, near small streamlet

51 *Rubus*  
opening in woods, near streamlet

52 *Acer rubrum* L. <sup>growing with</sup>  
<sup>#18353</sup>  
edge of opening in woods

53 *Rubus*  
opening in woods, near streamlet  
growing with #18351

54 *Carex*  
moist low place

55 *Vitis*  
along trail in woods

56  
low place, no undergrowth.

57 *Polystichum acrostichoides*  
common in woods, this specimen  
from low moist place

58 *Dryopteris*  
low wet place

59 *Arisaema triphyllum* (L.) Schott  
low wet place

60 *Lisianthium*  
low wet place

small tufts, more or less erect.

dense clumps, somewhat spreading.

leaves glaucous beneath,  
somewhat variegated above,  
flowers yellow-green.  
tree 3 m. tall, bark  
— peeling and shaggy  
primocanes erect, floricanes  
— low-arching, flowers white.  
tree 10 m. tall, leaves  
glaucous beneath.

primocanes erect, floricanes  
low-arching, flowers white.

small clumps

woody vine climbing  
over trees, leaves green beneath,  
with small tufts of white  
hair in vein axils  
pronounced odor.

stands more or less erect

1 leaves green, not glaucous,  
beneath, spathe green, not fluted  
inside of flaps very slightly purplish.  
tube white veined outside, white at base  
stems and leaves erect, fls.  
blue, with yellow center.

28 Virginia

1941

18361 *Rubus*  
low wet place

62 *Rhus vernix*  
low marshy place

63 *Symplocarpus foetidus*  
low marshy place

64 *Galium*  
low marshy place

65 *Anemone trifolium* (A. L. D.) D. C.  
app. var. *montanum*  
low marshy place

66 *Juncus*  
low marshy place

67 *Botrychium dissectum*  
low marshy place, alga plant seen.

68 *Lycopodium obscurum* L.  
abundant ~~near~~ at sides  
of marshy depression

69 *Mitchella repens* L.  
abundant in pine woods

70 *Lobelia*  
pine woods with little underbrush  
only one plant seen.

71 *Carex*  
pine woods with little underbrush

Tampa Co

29

floricanes almost prostrate,  
rooting at tip, fls. white.

small tree 4 m. tall, 5 cm. thick.

flowers green.

leaves forming a large  
rosette, young fruit  
at one side, spathe decaying  
and crumbling off, herbage  
with foul odor when bruised.

plants weak but erect,

flowers white.

leaves green, not glaucous,  
beneath spathe white at  
base, tube whitish, veined,  
not fluted, flap green

outside dark purple within.

dense clumps, stems weak.

blade reddish green

branches flattened, plant  
erect

extensively creeping, last  
years fruit scarlet, buds  
and corolla lobes when flowers  
first open pinkish-lavender,  
mature flowers ~~white~~ white,  
filose within.

erect, flowers white

small tufts, culms spreading

311 Virginia - Maryland 1941

18372 *Veronica officinalis*  
open pine woods, little underbrush

77 *Chimaphila maculata*  
open pine woods, little underbrush

June 8, 1941  
wooded bottom land

74 *Galium*  
near stream, moist soil

75 *Carex*  
old clearing

76 *Acer*  
~~sooty~~ open woods, canopy  
dense overhead

June 8, 1941  
small elevated bog, dominated  
by *Polytrichum* sp., with  
some *Sphagnum*.

77 *Vaccinium*  
brushy margin of bog

78 *Cornandra*  
abundant in openings in brushy  
margin of bog.

Frederick Co.

31

creeping, erect at tips, fls.  
pale lavender-blue, in  
erect spikes.  
Leaves purplish green,  
the veins paler, buds white.

Calvertian Mt. Bog on "Land Flat"  
1/4 mi. s. of intersection of Ridge St.  
with unnamed rd. near  
elev. 1742. Frederick Co. June 8

Catoctin Mt. Valley of Little  
Hunting Creek, w. of Salamanca  
Rock 1/2 mi. n. of road intersection  
elev. 1492. Frederick Co. June 8

at from somewhat  
tall, fls. white  
plants

at 3 m. tall,  
at green.

tall, lvs. glossy  
green above, pale beneath,  
immature fruit somewhat  
glaucous, very few present  
bark on old wood gray-brown  
shreddy, on young branches  
green, turning reddish-brown.  
plants only very slightly  
glaucous, lvs. thin, veins prominent  
beneath, fls. whitish to purplish,  
fruit immature

30 Virginia - Maryland 1941

18372 *Veronica officinalis* L.  
open pine woods, little underbrush

73 *Chimaphila maculata*  
open pine woods, little underbrush

6 wooded b  
74 *Galium*  
near s  
75 *Carex*  
old cle  
76 *Acer*  
~~deciduous~~  
dense &

small cle  
by *Polygonum*  
some sps  
77 *Vaccinium*  
brushy

78 *Cornandra*  
abundant in openings in brushy  
margin of bog.

Frederick Co.

31

creeping, erect at tips, fls  
pale lavender-blue, in  
erect spikes.  
leaves purplish green,  
old stems paler, buds white

plant, erect from somewhat  
decumbent base, flowers white.  
scattered plants,  
small tree 3 m. tall,  
clear light green.

shrub 1 m. tall, lvs. glossy  
green above, pale beneath,  
immature fruit somewhat  
glaucous, very few present.  
bark on old wood gray-brown  
shreddy, on young branches  
green, turning reddish-brown.  
plants only very slightly  
glaucous, leaves thin, veins prominent  
beneath, fls. whitish to purplish,  
fruit immature

301 Virginia - Maryland 1941

Frederick Co.

18372 *Veronica officinalis*, L.  
open pine woods, little underbrush

73 *Chimaphila maculata*  
open pine woods, little underbrush;

31

creeping, erect at tips, fls  
pale lavender-blue, in  
erect spikes.  
leaves purplish green  
the veins paler, buds white.

June 8, 1941

6 wooded bottom land

74 *Galium*  
near stream, moist soil

75 *Carex*  
old clearing

76 *Acer*  
~~deep~~ open woods, canopy  
dense overhead

plant, erect from somewhat  
decumbent base, flowers white.  
scattered plants  
small tree 3 m. tall,  
clear light green.

June 8, 1941

small elevated bog, dominated  
by *Polytrichum* sp., with  
some *Sphagnum*.

77 *Vaccinium*  
brushy margin of bog

shrub 1 m. tall, lvs. glossy  
green above, pale beneath,  
immature fruit somewhat  
glaucous, very few present  
bark on old wood gray-brown,  
shreddy, on young branches  
green, turning reddish-brown.  
plants only very slightly  
glaucous, leaves thin, veins prominent  
beneath, fls. whitish to purplish,  
fruit immature

78 *Cornandra*  
abundant in openings in brushy  
margin of bog.

32 Maryland - D.C. - Va. 1941

18379 *Rhododendron viscosum*  
bushy margins of bog  
growing in some numbers  
with plants with clear  
green leaves (18780, 18791, 18782)

80 *Rhododendron viscosum*  
bushy margins of bog,  
growing with glaucous  
leaved plants (18779)

81 *Rhododendron viscosum*  
bushy margins of bog  
growing with glaucous  
leaved plants (18779)

82 *Rhododendron viscosum*  
bushy margins of bog  
growing with glaucous  
leaved plants (18779)

Washington, D.C. June 12, 1941  
cultivated as a street tree.

83 *Acer platanoides* L.

0.5 mi. S. of Great Falls, Fairfax Co.

50-90 m. June 15, 1941  
Thickly wooded swamp and  
wooded bluff above it.

84 *Hedysarum purpureum* (L.) T. & G.  
edge of woods along road at top of bluff, sandy. 90 m.

Frederick Co. Fairfax Co.

33

shrub 0.5-1 m. tall, leaves  
glaucous, especially beneath,  
flowers white with red  
glands, red style, with  
a delightful carnation odor.  
collection from several plants.  
shrub 3 dm. tall, ~~leaves~~ leaves  
clear green, fls. white with  
red glands, style white  
with green stigma, with  
carnation odor.  
shrub 0.5 m. tall, leaves  
clear green, fls. white  
with red glands and style,  
with delightful carnation  
odor.  
shrub almost 1 m. tall,  
leaves clear green, fls.  
white with red glands  
and slightly pinkish  
style with greenish-brown  
stigma.

small tree 7 m. tall, bark  
dark, leaves dark green,  
fruit not quite mature

small tufts, fls. lavender pink, plants  
quite variable in width & orientation of leaves.

34 *Virginia*

1941

318385 *Vaccinium*

edge of woods along road at top of  
bluff

90 m.

86 *Monotropa uniflora* L.

steep slope

80 m.

87 *Aristolochia*

in crevices on rocky bluff

88

slopes near top of Bluff

80 m.

89 *Panicum*

slopes near top of bluff

80 m.

90 *Vitis*

slopes near top of bluff

90 m.

91 *Scutellaria*

slopes near foot of bluff

60 m.

92 *Viola*

slopes near foot of bluff

60 m.

93 *Galium circaezans* Michx.

ledges on rocky bluff

60 m.

94 *Rhododendron viscosum*

opening in swamp, growing

with #18395

50 m.

95 *Rhododendron viscosum*

opening in swamp, growing

with #18394.

50 m.

96 *Lyonia ligustrina*

50 m.

Fairfax Co.

35

bush 2 m. tall, bark gray,  
branches green, leaves somewhat  
venulose, berries partly  
ripe, slightly glaucous, <sup>when</sup> sweetish,  
and with fair flavor.

plant translucent white,  
practically odorless,  
fls. brownish

small tufts of arching  
culms.

small tufts

woody vine climbing over trees  
leaves glaucous beneath,  
inflorescences and tendrils  
reddish.

flowers lavender, with  
lower parts of tube white  
leaves with veins darker  
green than rest of leaf, under  
side paler.

small tufts

shrub 3 m. tall, fls. white  
with red glands outside,  
style only reddish near apex,  
odor like carnations, leaves  
green, not glaucous.

shrub 3-4 m. tall, leaves green,  
not glaucous, flowers rose  
pink, with few red glands,  
style deep rose, odor like  
carnations.

shrub, fls. whitish.

## 36 Virginia

113397 *Lysimachia*  
in mud in swamp 50m.  
98 *Rhus vernix* L.  
fairly common in swamp  
99 *Vaccinium*  
in swamp

13400 *Ilex*  
in swamp  
01 *Laurus cernua*  
in swamp, abundant  
02 *Dioscorea villosa*  
in swamp  
03 *Hypoxis hirsuta*  
in opening under trees in  
swamp.  
04 *Arisaema triphyllum*  
abundant in swamp  
05 *Arisaema triphyllum* L.  
one small colony seen in swamp  
06 *Lyonia*  
in swamp  
07 *Ilex*  
in swamp, fairly common

## Fairfax Co.

## 37

flowers yellow  
small tree 4 m. tall.  
shrub 2.5 m. tall. bark  
gray, shreddy, berries  
not mature, slightly  
glaucous, leaves not  
venous.  
shrub 2 m. tall, fls. white.  
erect  
vine, leaves glaucous  
beneath, lower are scattered.  
bulb deeply buried, fls. yellow  
leaves green beneath, not  
glaucous, spathe deep  
purple inside, green outside  
with whitish stripes on  
tube, not fluted. several  
young plants seen with  
lobed leaves.  
leaves green beneath, not  
glaucous, spathe pale  
green within and without, tube  
whitish, not fluted.  
shrub 2 m. tall.  
shrub 3 m. tall, fls.  
whitish, ~~not~~ fragrant.  
stamens yellow.

13403 *Arisaema triphyllum* var. *montanum*.  
fairly common in swamp

1 9 *Dryopteris*  
rare in swamp  
2 10 *Dryopteris cristata*  
fairly common in swamp.

1 mile s.e. of Merrifield, along Holmes  
Run Fairfax Co. June 15, 1941 alt. 95 m.  
Denne woods, mostly deciduous,  
with some pines, with clearings.

1 11 *Oenothera tetragona*  
opening along trail  
12 *Hedysarum caeruleum* (L.) T. & G.  
small colony on slightly elevated  
place, little undergrowth  
13 *Hedysarum purpureum* (L.) T. & G.  
woods with little undergrowth  
14 *Carex*  
edge of woods, swampy place  
15 *Carex*  
edge of woods, swampy place  
16 *Carex*  
wet swampy meadow cleared in woods  
17 *Carex*  
wet swampy meadow cleared in woods  
18 *Geum*  
wet swampy meadow cleared in woods  
19 *Carex*  
wet swampy meadow cleared in woods  
abundant in wetter places.

leaves green beneath, not  
glaucous, spathe deep  
purple within, green without,  
tube with whitish stripes,  
not fluted.

fronds ascending to erect,  
rhizome prostrate, <sup>pinnae some-</sup>  
fronds erect, pinnae horizontal

erect  
erect, fls. yellow

large clump, fls. lavender  
pink, nerves visible in leaves.  
2 or 3 culms spreading from  
base, spikes pendent.

loose clump

small tufts

loose spreading tufts

erect, petals small, pale  
yellowish.

## 40 Virginia

1941

318420 *Physocarpus opulifolius*  
edge of woods

21 *Carex*  
wet swaly meadow cleared in woods

22 *Salvia lyrata*  
edge of woods in clearing

1.5 mi. s.w. of Falls Church, Fairfax Co.  
dense brush in cut-over woods  
with a few trees standing

23 *Ilex*

24 *Bambusa canadensis* L.  
edge of field

25 *Hedysotis purpurea* (L.) T&G.  
trail in brush, ~~in pasture~~

26 *Nyssa sylvatica* Marsh.

27 *Hedysotis purpurea* (L.) T&G.  
under pines

28 *Penstemon*  
opening in brush.

29 *Lutetellaria*  
around edges of brush

30 *Uvularia perfoliata*  
roadside in woods.

31 *Ceanothus americanus* L.

32 *Rosa*  
edge of woods, wet place  
Deep Hollow, along Tupper Run  
1 mi. s. of Falls Church, Fairfax Co.  
edge of thicket, low heavy soil

33 *Coronilla*

## Fairfax Co.

41

shrub 1.5 m. tall, others 3 m. tall  
dense spreading clump.

June 18, 1941  
alt. 111 m.

shrub 2 m. tall, fls. white

shrub 2.5 m. tall, fls. white

small tufts, fls. lavender-pink

tree 10 m. tall, bark ~~scaly~~, gray.  
fls. lavender-pink.

fls. very pale lavender-pink,  
almost white.

fls. purple, paler on  
underside.

immature capsule 3-lobed.

shrub 1 m. tall, fls. pinkish-  
white

shrub ~~at~~ 7 dm. tall, fls.  
pink, fragrant.

shrub 1 m. tall, fls. white, fragrant

42 Virginia

1941

Sleepy Hollow, along Tripper's Run, 1 mi. s.  
Falls Church, Fairfax Co. June 29, 1941

Fairfax Co.

marshy place in open pasture  
18434 *Sagittaria*

35 *Juncus*36 *Sagittaria*  
common37 *Eleocharis obtusa*  
var. *communis*38 *Carex*39 *Carex*40 *Myosotis*41 *Galium*

same, wooded bottom land near stream

42 *Cryptotaenia canadensis*43 *Geum*44 *Ulmus americana*45 *Lysimachia*

46 *Oenothera tetragona* <sup>both</sup> var. *typica* Murr.  
Open brushy field, scattered  
small scrub pines and deciduous trees.

47 *Quercus*48 *Lonicera caprifolium*  
large colony49 *Linum*50 *Quercus palustris*51 *Lambertia canadensis*52 *Dentellaria*

43

fls. greenish, pistils translucent  
- whitish  
- small clumps or solitary  
fls. green.

forming clumps and  
- sod.

- small clump

- small clumps or solitary  
fls. blue-lavender, small  
plant erect, supported  
by other plants, fls. white  
fls. white

petals ~~petals~~ white.

tree 15 m. tall, bark rough,  
- scaly, gray.

fls. yellow with red center,  
plant erect, fls. bright  
yellow, open ~~all~~ all day.

leaves green, not at all glaucous, beneath  
tree 10 m. tall, leaves gray beneath  
plants in small clumps,  
rays white

petals <sup>immature</sup> yellow, <sup>anthers ad.</sup> capsule  
+ margin of stem striate, ~~less~~ below,  
fls. butter-yellow, capsule  
(immature) globose.

tree 10 m. tall

shrub 1 m. tall, fls. white

inflorescence flat-topped,  
erect, fls. blue-violet, lower  
part of throat white.

44 Virginia - Maryland

18453 *Trifolium*

Beltsville, Prince George Co. Md.

Acotink Creek,

Soldiers Delight (ridge), 1-1.5 mi.  
n of Harrisonville, Baltimore Co. Md.

July 20, 1941 Alt. 200 m.  
serpentine barren with  
scattered oaks and a few  
scrub pines

56 *Oenothera perennis* L

57 *Viola*

58 *Talinum cerasiforme*  
plant scattered

59 *Asclepias (acuminata) viridiflora*

60 *Juncus*

small colony, edge of thin woods

61 *Paronychia*

small colony, edge of thin woods

62 *Quercus*

edge of thin woods

63 *Vaccinium*

edge of thin woods

Fairfax Co. Prince George Beltsville 45

fls. bright yellow

— fl. yellow, buds nodding  
los. erect, with a slight  
bluish green cast, fruit oaly.  
leaves terete, fls. crimson,  
stamens 15-16, yellow.  
— underground stem slender,  
elongate, fls. greenish,  
tufts, strictly erect.

tree 10 m. tall, spreading.

bushes 30 m. tall, fruit  
glaucous, leaves  
glaucous beneath.

18464 *Facelia*fairly common locally in  
open parts of barrens18465 *Pycnanthemum*66 *Ceanothus*67 *Hedysotis caerulea* (L.) T. & G.  
under oaks

68

single plants or small tufts

69 *Phytolacca americana* L.  
open barrens70 *Hedysotis purpurea* (L.) T. & G.  
disturbed place in clump  
of young oaks71 *Quercus*72 *Quercus*73 *Quercus*74 *Leiophyllum*

under oaks, disturbed place

75 *Panicum*

under oaks, disturbed place

76 *Panicum*

under oaks, disturbed place

77 *Quercus*

beside # 18478 + # 18479

78 *Quercus*

beside # 18477 + # 18479

79 *Quercus*

beside # 18477 + # 18478

~~# 18478~~ *Hedysotis* ~~caerulea~~ (L.) T. & G.small ~~clumps~~ loose  
clumps from knotted rhizomesomewhat aromatic, fls.  
white or very pale  
— lavender.— large clump, 3-4 m. tall.  
plants mostly in  
fruit, fls. pale lavender  
with yellow throat.— single plants, or small  
tufts, strictly erect  
erect from fleshy root,  
— plant pinkish in most parts  
large clumps, fls. lavender  
pink.

— small tree, 3-4 m. tall.

— small young tree 3 m. tall  
tree 10 m. tall, bark dark  
gray, rough

— erect, roots yellow.

— in fruit only.  
culms ascending, clump small  
tufts small.tree 10-12 m. tall, bark  
dark gray, rough, acorns  
picked up under ~~the~~  
tree where very abundant.

48

Maryland

1941

Calvert Co.

49

Solomons Island, mouth of  
Patuxent R.

Calvert Co.

alt. 0 m. July 26, 1941

~~Brackish~~low meadow around brackish  
pool.18480 *Juncus*

in old road

81 *Eupatorium*82 *Prunus serotina*83 *Labbatia*84 *Apozynum cannabinum*85 *Juncus*86 *Aconita*abundant in mud at  
edge of pool, stems reddish87 *Fimbristylis*88 *Spartina*89 *Salicornia europaea*~~90 *Scirpus*~~.. 90 *Scirpus*  
scarce

91

92

93 *Parpallum*94 *Cyperus*95 *Achillea millefolium* L.

Calvert Co.

- erect, not quite in floods
- plant somewhat grayish
- tree 7 m. tall, fruit red,
- turning black
- flowered bright rose-pink
- fls. white, stems red,
- with milky sap.

erect, stems reddish

- erect, common

- erect

- erect, ~~stems~~ joints

- green, terete

- small clump, plant

- light green

- medium clump, ~~plant~~

- inflorescence rather stiff.

- small clump

- culms spreading

- plant aromatic, heads white.

50 Maryland-Virginia 1981  
in sand at  
top of beach  
18496 *Commelinaceae*

97 *Apartina*

98 *Digitaria*

99 *Phytolacca americana*

along Pipp's Run,  
Sleepy Hollow, 1 mi. s. of Falls  
Church, Fairfax Co. July 27, 1991  
wooded bottom-land

18500 *Mimulus ringens*  
wet place near stream

01 *Impatiens biflora*

muddy place

or *Asclepias incarnata* var. *pulchra*  
wet place near stream

03 *Thalictrum*

wet place near stream

04 *Lilium*

near stream, with #18504

05 *Lilium*

near stream, with #18504

06 *Smilacina*

on edge of woods

07 *Labbatia*

edge of woods

Calvert Co. Fairfax Co.

51

luxuriantly spreading,  
rooting at nodes, fls. blue,  
faded by afternoon.

abundant, forming  
dense cover on ground.  
plant 2 m. tall, fls.  
whitish.

erect, up to 1.5 m. tall,  
corolla pale violet, with  
a yellow patch on the  
lower lip in the throat,  
very readily caducous.  
fls. orange, <sup>mottled</sup> deeper inside,  
stems translucent.  
corolla rose, crown paler

fls. whitish, leaves  
glaucous beneath.  
perianth copper-color,  
with maroon spots  
in basal half inside,  
recurved.

perianth copper-red distally,  
yellow with maroon  
spots in center, recurved.  
fruits green, punctate  
with red.  
fls. pink

13508 *Zygadenus*

edge of woods

19 *Phlox maculata*  
edge of woods10 *Lamium*11 *Geum*12 *Cryptotaenia canadensis*13 *Phaeoclinus*

14

15 *Hypericum*16 *Juncus*17 to 16 *Lilium*18 *Athyrium*19 *Thalictrum*

sterile slope with seedling grass

20 *Euphorbia*21 *Puella vulgaris*fls. white, segments  
somewhat greenish at base  
stem spotted with dark red,  
lvs. somewhat paler beneath,  
fls. bright magenta,  
paler outside.plant dark green, when  
broken with an unpleasant  
oily odor.

petals white

stems prostrate,  
spreading peduncles  
red, fls. brick red,  
shading lighter, keel  
dark, somewhat twisted  
stems prostrate, spreading,  
fls. pinkish.

erect, grass flowering.

erect, dark green, flower  
with perianth segments  
red, with maroon spots  
toward center, recurved.  
rhizome buried, prostrate  
erect at tips.fls. whitish, lvs. glaucous  
beneath, stem decumbent.  
plant erect with a whorl  
of branches at apex, glaucous  
green with broad white  
appendage  
fls. violet

13522 *Pycnanthemum*

same loc.

Aug. 10, 1941

disturbed bottom land,

23 *Digitaria sanguinalis* (L.) Scop.24 *Agrimony*25 *Lobelia inflata* L.26 *Crotalaria sagittalis* L.27 *Oxalis*28 *Polygala*29 *Acalypha*30 *Panicum*31 *Panicum*32 *Polygonum persicaria* L.33 *Acalypha*34 *Hypericum*35 *Cassia*

same loc.

Sept. 7, 1941

sterile old field with  
scattered small pines,  
gentle slope, red clay soil.36 *Catalpa*37 *Hieracium*38 *Tridia flava*39 *Aristida*40 *Paspalum*41 *Chrysopsis mariana*42 *Galium*43 *Desmodium*

fls. pale lavender

- spreading, decumbent and  
rooting at lower nodes.
- erect, fls. yellow
- erect, fls. pale lavender
- erect, fls. yellow, possibly  
introduced with lawn grass seed
- erect fl. yellow
- fls. magenta
- small tufts
- small tufts
- erect, fls. pinkish but  
dull
- fls. orange, plant erect.
- fls. yellow, small.

- small, young tree, 3 m. tall.
- fls. yellow
- inflorescence purple, sticky,
- culms erect
- erect, scattered single plants.
- erect, scattered single plants
- fls. bright yellow
- erect in grass, roots yellow
- erect from strong tap root,
- fls. dull purplish

17544 *Digitaria*  
disturbed ground.

45 *Solanum nigrum*  
disturbed ground

46 *Desmodium*

47 *Diodia teres* Walt.  
disturbed ground

48 *Setaria*  
disturbed ground

49 *Argyroxiphium nutans*

50 *Desmodium*

51 *Solidago*

52 *Leopoldia*

53 *Tridostema*

54 *Eupatorium perfoliatum*

55 *Gnaphalium polycephalum*

56 *Leopoldia canescens*

## Washington, D.C.

cult. s. of Freer art gallery

57 *Acer nigrum* var.  
same loc.

58 *Acer nigrum* var.

clumps spreading  
at base, then erect.  
berries still green

large clump, stems  
erect, leaves dark  
green above, somewhat  
glaucous beneath, flowers  
bright purple.

fls. pale lavender-pink

plants spreading at  
base, then ascending.  
main culms erect,  
- anthers yellow

large clump, stems  
spreading, flowers  
to greenish blue.

erect flowers yellow

prostrate, mat-forming,  
from strong tap-root,  
- fls. pink, darker in center.

fls. blue

erect, fls. white.

erect, herbaceous with a  
pleasant peppery odor.

erect, fls. pink with  
dark centers

58<sup>1</sup> Virginia

1941

Fairfax Co.

59<sup>1</sup>

Sleepy Hollow, along Tripper's Run,  
1 mi. S. of Falls Church, Fairfax Co.  
8 Sept. 21, 1941

Marshy place along  
stream in pasture

13559 *Eupatorium*  
stream bank

heads purplish pink,  
stems <sup>concentrated</sup> glaucous, not  
conspicuously darker at  
nodes, with only a  
very small cavity, probably  
due to insects. Plant 1.5 m.  
tall.

small tufts  
leaves saw-edged

60 *Cyperus*

61 *Leersia*  
stream edge

62 *Cyperus*  
stream bank

63  
stream bank

64 *Aster*

65 *Polygonum sagittatum*  
abundant

66 *Polygonum*  
abundant

67 *Polygonum arifolium* L.

strong oily odor when  
crushed, especially the fruit.  
rays pale lavender,  
disk yellow, turning red  
flower heads reddish  
externally

fls. white at apex, green  
toward base, plant  
ascending

reflcs bright red at  
apex, greenish below,  
main stem reclining,  
branches ascending

heads yellow-green  
small clump, stolons  
filiform.

fruit green, erect

68 *Bidens*

69 *Lycopus*

70 *Asclepias incarnata* L.

18571

72 *Lespedeza*73 *Eleocharis*74 *Cyperus*75 *Hypericum*76 *Solanum carolinense*77 *Vernonia*78 *Eupatorium coelestinum*

open pasture

79 *Quercus palustris*80 *Quercus*81 *Liriodendron Tulipifera*  
edge of woods, ~~dry~~ stream.

same loc.

Sept. 28, 1941

Along shallow ravine in pasture

82 *Polygonum pensylvanicum* L.  
dry place83 *Aster puniceus* L.  
near stream, abundant in  
damp places, up to 2 m. tall84 *Solidago*

herbage strongly and  
pleasantly aromatic.  
- erect  
- forming a tuft  
small tufts hidden  
by other plants  
- fls. yellow  
- oval spherical, greenish-yellow  
erect, fls. deep violet,  
involucres purplish-  
green, their bracts spreading  
- recurved at tips.  
leaves with only a faint  
odor when crushed, heads  
a beautiful lavender-blue.

Tree 20 m. tall, trunk dark  
gray, checked, 1 m. thick,  
lower branches strongly  
- deflexed, acorns ~~still green~~ <sup>sp. from lowest br.</sup>  
Tree 10 m. tall, leaves  
gray-green beneath, acorns  
still green, sp. from lowest br.  
Tree 15 m. tall, fruits  
green, erect. sp. from  
lowest limbs on sunny side.

erect, flowers pinkish,  
up to 2 m. tall, rays bright  
lavender, disk greenish-yellow.  
Infl. flat-topped, heads yellow

18585 *Lobelia siphilitica*  
moist bank

18586 *Botrychium dissectum*  
edge of woods, in tangle  
of *Lonicera japonica*

87 *Dulichium arundinaceum*  
abundant in dessicating  
swampy place

Accotink Creek,

19588

open stony creek margin

89 *Cryptotaenia canadensis*  
rich, <sup>wooded</sup> bottom land

90 *Lindera benzoin*  
rich wooded bottom land  
along stream

91 *Galium circassianum*  
rich wooded bottom land

92 *Aquimonia*  
rich wooded bottom land

93 *Gratiola*  
muddy, stony  
stream margin

94 *Galium triplum*  
rich wooded bottom land

Sept. 26, 1941

erect, <sup>top</sup> corolla violet,  
upper side split to base,  
lower side ribbed and striped  
with lavender, filament  
column violet, anthers  
greenish.

Upper leaf surface and  
stipes bronzed.

leaves conspicuously  
3-ranked

small clump, erect, spikes  
somewhat drooping  
fruits with little or no  
odor when crushed.  
shrub 3 m. tall, aromatic  
when broken; note next  
year's flower buds.  
erect or ascending, roots  
yellowish  
erect

apparently perennial,  
roots yellow, stems  
prostrate or almost  
so, resting on other plants

Along Tripp's Run, Sleepy Hollow  
1 mi. s. Falls Church

Oct. 4, 1941

18595 *Aster ericoides*  
Old field with scattered  
young trees

96 *Aster*  
Along abandoned road in  
wooded bottom-land

97 *Galium*  
Desiccating swamp, edge  
of woods

same loc. Oct. 5, 1941

98 *Aster*  
Old field with scattered  
young trees, *Solidago*  
most abundant herb.

99 *Solidago corymbosa*  
Abundant in old field

18600 *Solidago*  
Abundant in old field

01 *Gerardia*  
Old field

02 *Smilax rotundifolia*  
Wooded fencerow in low  
place, normally moist, in  
old field.

rays white, disk yellow,  
turning reddish-brown.

rays white, disk yellow,  
turning red.

clambering in dense  
tangles over herbaceous  
undergrowth, flowers  
white, 4-parted, roots  
fine and fibrous

rays white, short and  
blunt, disk yellow,  
turning reddish brown.

just past flowering

just past flowering

corolla rich magenta,  
plant dark red-purple  
Forming dense thorny  
tangles, growing from  
strong underground  
rhizome, this ~~neither~~  
tuberous or aromatic,  
berries black, with a  
slight bloom, leaves  
glossy on both sides,  
spines light green, only  
blackened at tips

66 Virginia - Maryland 1941

18603 *Pycnanthemum flexuosum*  
old field

104 *Miscanthus sinensis*  
old field, only one clump in  
neighborhood

105 *Quercus phellos*  
edge of pasture, wooded  
fence-row.

106 *Vitis*  
~~edge of~~ wooded fence-row

107 *Gentiana*  
desiccated low place (ordinarily  
moist) in old field, only one  
clump seen

108 *Vernonia*  
roadside, ~~recently~~ disturbed

109 *Quercus stellata*  
edge of dense patch of  
woods on knoll

Soldiers Delight

110 *Polygonum*

Sleepy Hollow, s of Falls Church,  
Fairfax Co. Va. Dec. 7, 1941

scattered second growth of  
pines on worn out old field

111 *Pinus echinata* Mill.

112 *Pinus rigida* Mill.

113 *Pinus pungens* Lamb.

Oct. 19, 1941

Fairfax Co. Ballona Co. 67

erect, aromatic when  
broken  
- large dense clumps,  
culms strictly erect,  
spikes somewhat spread-  
ing when mature  
Tree 25 m. tall, over 1 m.  
thru breast high, bark dark  
gray

- woody vine, climbing  
over small trees, fruit  
- blue, small, poorly flavored  
plant almost dry when  
collected, flowers closed,  
violet-blue.

flowers dark red-purple.

scrappy tree 3 m. tall,  
leaves somewhat glaucous  
beneath.

tree 7 m. tall, open and symmetric, twigs glaucous  
tree 3 m. tall, old cones on branches, young on twigs.  
tree 6 m. tall, open, scraggly, spreading

## 68 Virginia

1942

Vienna, Fairfax Co. Jan. 8, 1942

18614 *Haemanthus albiflos* det. C. Hope  
cult in pot in house

Sleepy Hollow Rd. s. of Tripp's Run,  
Fairfax Co. Jan. 24, 1942

15 *Pinus rigida* Mill.

Old field, with scattered pines

16 *Pinus virginiana* Mill.

Old field with scattered pines

Lee Blvd. <sup>Heights</sup>, 1 mi. e. Ft. Buffalo, 3  
Fairfax Co. Mar. 6, 1942

Thin, dry mixed woods

17 *Salix humilis* Marsh

18 *Salix humilis*

✓ Sleepy Hollow Apr. 19, 1942  
wooded bottom land, banks of  
small stream.

19 *Prunus americana*

20 *Amelanchier*

Sleepy Hollow Apr. 24, 1942  
<sup>wooded</sup> wet bottom land along Tripp's Run

21 *Ceratium*

22 *Dentaria*

23 *Carpinus cordiformis* var. *virginiana*  
(Marsh) Turr

24 *Anemone quinquefolia*  
moist wooded bottom, covered by bonias sap.

## Fairfax Co.

69

bull above ground, hairless,  
fl. white, odorless

bright green,

small tree 6 m. tall

small tree 8 m. tall

♀ plants 7-10 dm. tall, small  
♂ ~~patch~~ colony with # 18617-12

tree 8 m. tall, fls. white  
tree 5 m. tall, fls. white  
same tree as \*

fls. with petals white, deeply  
bifid, anthers burnt-orange,  
ovary greenish-white, styles erect,  
fls. white, rhizome fleshy,  
somewhat moniliform  
tree 9 m. tall, bark smooth,  
lead gray, catkins  
pendent, stamens reddish  
Flower white, rhizome white

70 Virginia - Delaware

1942

Sleepy Hollow, along Tripp's Run

Apr. 20, 1942

~~Virginia~~ wooded pasture, level ground

18625 *Draba verna*

Droogers Creek,

Ellendale, Sussex Co., Delaware

May 1, 1942

26 *Euphorbia*

cinders and sand along railroad.

27 *Scleranthus*

weed in cultivated ground

28 *Myrica*

brushy flat sandy land with a following

29 *Myrica*

with 18628, 18630, brushy flat sandy land

30 *Myrica*

with 18628-18629 brushy flat sandy land

1 1/2 mi. S. of Milton, Sussex Co., Del. May 1, 1942

wooded swamp, abundant

*sphagnum*

31 *Arisaema triphyllum* L.

32 *Viola pallens* (Bentley) Brum. det. C. O. G.

33 *Hedonia bullata*

Fairfax Co. - fucus Co.

71

fls. white, pods rather thick.

leaves ranging from red to green, caespitose, roots vertical, fleshy, sup milky prostrate, spreading, flowers green.

shrub, m. tall, leaves purple-bronze.

low intricately branched

shrub, leafless.

shrub 2 m. tall, branches ascending to erect, leaves almost all gone.

leaves clear green beneath, spathe not fluted outside green with white stripes, hood black-purple within, leaves dull, fls. white with black markings in center, lateral petals slightly hairy at base within, scape erect, fls. pink, pollen blue, plant spreading by short rhizomes.

Cedar Creek, 5 mi. e. Milford, Sussex Co.

Det.

May, 1942

18634 ~~seassata~~ <sup>serulata</sup> ~~folia~~ <sup>folia</sup> *Alnus* Willd.

near stream

35 *Alnus maritima*  
near stream

36 Milford, Kent Co. Del. May, 1942

36 *Holostium umbellatum*  
sandy roadside

Alston Branch of Leipsic R. (Little Duck Co.)

5 1/2 mi. n. w. of Dover, 1/2 mi. s. Bethel

Kent Co. May, 1942

37 *Cardamine bulbosa*  
swamps38 *Caltha palustris*  
swamps (southern limit known  
in Delaware)37 *Chrysosplenium americanum*  
swamps40 *Veratrum viride*  
swamps42 <sup>12/11/42</sup> *Landon Branch*, 3 1/2 mi. s. of  
Blackbird, New Castle Co. Del. May, 194241 *Viola triloba*  
roadside42 *Mitchella repens*  
swampy woods43 *Viola cucullata* <sup>W.L.C.</sup>  
shady wood swamps, near stream, in sand.

small shrub, 2 m. tall.

shrub 2 m. tall, cones  
ovoid, bluish.plant erect, leaves  
glaucousfrom an irregular tuber.  
calyx green turning yellow,  
petals white  
fls. bright yellowplant fleshy  
erect, fls. green

fls. deep violet

prostrate, fruit scarlet.

fls. violet

5 mi. s. of Odessa New Castle Co. Del.

May 1, 1942

18644 *Anemone quinquefolia*  
roadside cleared in boggy woods.

45 *Viola triloba* det. Edanson  
roadside cleared in boggy woods.

Proyers Creek (at DuPont Highway)  
New Castle Co. Del. May 1, 1942

46 roadside

47 *Aralia nudicaulis* back  
steep bank, under trees

48 *Epipactis*  
steep bank, under beech trees

49 *Rhododendron nudiflorum*  
wooded low hill

50 *Fagus*  
steep wooded bank

51 *Antennaria*  
bottom of ravine, under  
beech trees.

Fiddlers Bridge, 1 mi. s. of  
Mt. Georges, New Castle Co.  
Del. May 1, 1942

52 *Vaccinium*  
swamp

53 *Caltha palustris*  
swamp

rhizome white  
fls. deep violet

slightly bluish green  
fls. greenish  
dried plants from last year.  
fls. bright pink, almost salmon  
lvs. not glaucous  
from lower n. w. branches  
tree 10 m. tall, bark gray,  
fruits picked up under tree.  
fls. whitish.

bush 1 1/2 m. tall, corollas  
pendent, white, fragrant,  
spans of branchlets  
horizontal  
fls. bright yellow

1942

Sleepy Hollow, along Tripp's Run  
8 1/2 mi. S Falls Church, Fairfax Co.  
May 2, 1942

18654 *Fagus grandifolia*  
solitary tree in pasture

Accotink Creek, 8 mi. W. S. W. of  
Alexandria, 2 mi. S. W. Garfield, Fairfax  
Co. Va. May 3, 1942.

55 *Podostemum ceratophyllum* Rich.  
abundant on rocks in stream bed.

Accotink Creek, 1 1/2 mi. N S. of  
Fairfax, Fairfax Co. May 3, 1942

Rich bottom land, deciduous  
woods with large beech and  
tulip trees

56 *Stellaria pubera* Muhl.

57 *Fagus grandifolia* Ehrh.

58 *Erythronium americanum*

large tree, 20 m. tall,  
bark gray, twigs dark  
brown, staminate heads  
falling, twigs taken  
from lower branches on w.  
side of tree, fruits and  
involucres picked up  
from ground beneath tree.

rhizome blades, leaves green

-fls. white, petals deeply cleft, styles 3  
large tree, about 30 m. tall.  
trunk 1 m. thick, bark dull gray,  
staminate fls. mostly from  
ground beneath tree, pistillate  
fls. not found ~~on tree~~  
within reach on any  
tree in colony, ~~from~~  
~~from~~ involucres from ground  
beneath tree; same colony as 18342.  
fruiting peduncle bent over to ground,  
fruit green, round to triangular, weakly triangular

Virginia - Tennessee

Deep Hollow, along Tripp's Run,  
Fairfax Co. May 17, 1942~~Occasional~~ ~~sp.~~18659 *Salvia lyrata*  
Occasional in pasture✓ Top of Brushy Mt., Sevier Co.  
Great Smoky Mts. Nat. Park, Tenn.  
Alt. 1580 m. June 13, 1941Heath bald, brushy vegetation  
1-2 m. tall, mostly Ericaceas.18660 *Rhododendron catawbiense* Michx.61 *Lycopodium obscurum* L.62 *Ilex monticola*63 *Leiophyllum lyoni*64 *Vaccinium constablei* Gray  
(*V. simulans* x *altimontanum*,  
hexaploid, fine camp.)65 *Viburnum cassinoides* L.66 *Byssox Aronia melanocarpa* (Michx.) Ell.  
det. Wm.67 <sup>Sevier Co.</sup> *Trillium cernuum* (Beech Gap), Brushy Mt.  
<sup>7000 ft.</sup> Great Smoky Mts. Nat. Park alt. 1450 m.  
June 13, 1942

Beech forest, rather open.

67 *Fagus heterophylla* Raf.erect, fl corolla lavender,  
calyxes maroon above,  
green below. Plants  
apparently not eaten  
by cattle, but with no  
strong odor.shrub 1 m. tall, fls.  
rose purpleshrub 3 m. tall, lvs. rugos.,  
small rounded clumps,  
leaves glaucous, dark green,  
fls. whiteshrub 2 m. tall, not  
especially glaucous- shrub 1-2 m. tall, fls.  
cream-white, odor unpleasant.slender trees with dark, lead gray bark.  
fruiting on upper branches (twigs brownish)

18668 *Fagus heterophylla* Raf.69 *Rubus canadensis* L. det. Mev.

Trail from Green B. via, low  
up Brushy Mt., Great  
Smoky Mts. Nat. Park,  
Sevier Co., Tenn. June 13, 1942  
Mixed forest 1400 m.

70 *Aristolochia macrophylla*71 *Acer nigrum* var.72 *Carex debilis* var. *rudigeri* Bailey det. T. J. H.73 *Carex communis* ~~Bent~~ Bailey det. T. J. H.74 *Carex aestivalis* M. A. Curtis det. T. J. H.75 *Carex radiata* det. T. J. H.76 *Carex leptosperma* (Fern) Fern. det. T. J. H.77 *Carex aestivalis* M. A. Curtis det. T. J. H.78 ~~78~~ *Kalmia latifolia*79 *Prunus pennsylvanica*80 *Caulophyllum thalictroides*  
small colony81  *Viburnum alnifolium*82 *Medeola virginiana*  
shady bank

small tree shade  
leaves collected from  
lower branches, same  
colony as # 18667.

canes high arching,  
tips drooping almost  
to ground, fls. white,  
colony all nearly thornless.

vine climbing over trees  
fls. with mottled  
brown on green limb,  
dark brown center  
small sprout, sterile,  
lvs. green beneath.  
small ~~erect~~ clump, spikes  
drooping  
spikes erect  
- tufts

erect clump,  
about 3 m. tall, fls. pink  
slender trees 4 m. tall,  
fruit very young.  
fruit immature.  
shrub 2 m. tall, fruit  
immature  
fls. greenish, styles brown  
stigma ~~soot~~ white, fleshy

13683 *Euonymus ovatus*  
 84 *Oxalis montana*  
 on mossy rocks  
 85 *Dentaria heterophylla* Nutt.  
 86 *Tiarella cordifolia* var. *typica*  
 on mossy rocks  
 87 *Laxifraga micranthidifolia*  
 in wet ground in spring  
 88 *Amelanchier laevis* Wieg. <sup>at</sup>  
 shrub 7 m. tall  
 1300 m.  
 89 *Rasalia Aesculus*  
 90 *Cystopteris fragilis*  
 on mossy rocks  
 91 *Acer nigrum* var.  
 92 *Acer spicatum*  
 1100 m.  
 93 *Lambium racemosum* L.  
 1100 m.  
 94 *Fenestrae catesbeii*  
 rocky place in woods  
 bottom of gully  
 95 *Galax aphylla*  
 common

prostrate, stems green  
 fls. white, red veins  
 rhizome green, cylindrical,  
 crooked, with rough  
 enlargements.  
 fls. white  
 fls. white.  
 shrub 7 m. tall,  
 fruit immature  
 small tree 4 m. tall.  
 many enormous ones in mts.  
 sprout at base of tall  
 tree, lvs. slightly glaucous  
 beneath.  
 low sprawling shrub or  
 tree, racemes erect  
 shrub 7 m. tall,  
 infl. convex, fruit immature.  
 sprawling shrub,  
 fls. waxy, translucent,  
 whitish. lvs. leathery,  
 pale beneath.  
 fls. white, rhizome  
 fleshy, branched.

900 m.

18696 *Lyonia ligustrina*  
brushy woods  
97 *Lycopodium triatrichum*  
98 *Glycosmis viscosa*  
99 *Vaccinium simulans*  
(near typical ac. C. Camp)

850 m.

18700 *Rhododendron calendulaceum*  
(approx. *R. cumberlandense*)

01 *Smilax bona-noctis* det. C. O. E.

02 *Rhododendron calendulaceum*

800 m.

03 *Halesia carolina*

04 *Hedysotis purpurea* (L.) T. & G.

05 *Hydrangea arborescens*

06 *Hedysotis purpurea* (L.) T. & G.

07 *Calycanthus fertilis* Wall.

shrub 1 m. tall, fls.  
white.  
spikes erect.  
shrub 3 m. tall,  
fruit immature  
shrub 2 m. tall  
not especially glaucous.

shrub 1.5 m. tall, fls.  
deep vermillion, not  
esp. glandular. (with #18700)  
vine climbing over  
brushes, fls. yellow-green,  
lvs. glaucous beneath.  
shrub 1 m. tall,  
fls. flame orange,  
glandular. (with #18700)  
tree 3 m. tall, (many  
others many times as  
large) fruit green.  
fls. barely purplish,  
almost white.  
shrub 1 m. tall fls. white.  
small tufts, fls. pale lavender.  
shrub 1 m. tall, tangled,  
fls. and broken bracts  
aromatic, fls. maroon.  
leaves glaucous beneath.

✓ *Silvers Bald,*  
Stateline Ridge, Great Smoky  
Mts. Nat. Park, North Carol. - Tenn.  
Boundary, 1700 m. June 14, 1942  
Open grassy ridge-top.  
18708 *Osmunda cinnamomea*  
09 *Fagus heterophylla* Raf.  
trees at edge of bald.  
10 *Hedysarum michauxii* Tosh.  
#  
11 *Aesculus octandra*  
edge of bald  
12 *Hedysarum purpureum* (L.) T. & G.

Stateline Ridge, 1 mi. w. of  
Clingman's Dome, alt. 1700 m.  
June 14, 1942

brushy opening on ridge  
13 *Acer spicatum* var?  
14 *Acer spicatum* var?  
15 *Trautvetteria carolinensis* (Walt.) Bld  
under trees  
16 *Arisaema triphyllum* L.  
~~spadix~~

Stateline Ridge, 1 mi. e. of  
Silvers Bald. alt. 1650 m. June 14, 1942

17 *Hedysarum michauxii* Tosh.  
along trail in ~~woods~~ opening  
18 *Diphylleia cymosa* Michx.  
steep slope below rocky place  
19 *Hydrophyllum* *Phacelia bipinnatifida*  
open place in woods

erect young plants.  
dwarf tree, 4 m. tall.  
loose cushion - like tufts,  
stems erect, fls. clear  
blue with yellow eye.  
tree 5 m. tall, fls. yellow  
large tuft, fls. pinkish

shrub 3 m. tall, fls. greenish  
lvs. very rugose  
fls. white  
spaths greenish, mottled  
finely with brown, not glaucous,  
leaves not glaucous.

fls. almost white, with  
yellow eye, plants erect.  
flowers white, plants  
5-8 dm. tall.  
fls. deep purple.

18720 *Habenaria fimbriata*  
openings and under trees  
common but mostly in bud.

21 *Laxifraga michauxii* Britt  
wet shaded rocks

22 *Rhododendron calendulaceum*  
brushy opening

23 *Vaccinium erythrocarpum*  
rocky place, ledges

24 *Rhododendron calendulaceum*  
brushy opening

25 *Fagus heterophylla* Raf. var.  
edge of opening

26 *Hedysotis michauxii*  
wet seepy place

(27) *Menziesia pilosa*  
rocky brushy ridge

w. ridge of Clingman's Dome  
9.9. N. N. W. N. C. - Tenn. bound.  
1700m. June 14, 1982

28 *Hedysotis michauxii*  
seepy place

29 *Abies fraseri*  
rocky slope

plant erect, fls. rose-purple

leaves purplish beneath,  
fl. white, 2 petals narrow,  
corolla clear orange, stamens  
yellow

shrub 1 m tall, fls.  
pinkish

corolla flame-vermillion  
with one inner lobe yellow  
(shrub 1.5 m. tall)  
small tree.

erect fls. blue with  
yellow eye.

shrub 1 m tall, fls. orange.  
leaves glaucous beneath

loose clumps, plants  
erect, fls. blue with  
yellow eye.

small tree, 3 m. tall,  
others much larger.

Saluda, Polk Co. June 15, 1942 620 m.

18730 *Lepidium virginicum*  
vacant lot.

31 *Juncus macr.* S. F. Gray alt. 118  
vacant lot

32 *Carex texensis* (T. M.) Bailey det. F. J. H.  
vacant lot

33 *Hedysotis purpurea* (L.) T. & G.  
vacant lot

34 *Geranium carolinianum* L.  
roadsides

35 *Commelinia communis* var. *ludoviciana*  
roadsides

1 mi. N. of Tryon, Polk Co. June 15, 1942

36 *Pinus strobus* bare road-cut

36 *Panicum dichotomum* L. det. F. R. S.

37 *Hedysotis purpurea* (L.) T. & G.

E. slope of Warrior Mt., 2 mi. W. N. W.  
of Tryon, Polk Co. N.C. June 16, 1942  
Wooded slopes alt. 1500-2000 m.

38 *Crataegus* aff. *C. murena* det. A. M. V. 350 m.  
along old road.

39 *Ipomoea pandurata*  
edge of vineyard 400 m.

40 *Silene lychnis* alba Mill.  
weedy roadside 550 m.

41 *Tradescantia* <sup>subsp. *canadensis*</sup> *palustris* Schrad. alt. 1000 m.  
shaded roadside 550 m.

42 *Paronychia canadensis* Wood  
disturbed roadside 550 m.

tufts

plant in loose spreading  
tufts

tufts, stems erect, fls.  
lavender pink, throat striped  
with deeper color within.  
fl petals white

plant erect, upper petals  
brilliant blue.

small tufts  
spikelets purplish  
tufts, leaves paler beneath,  
fls. lavender pink.

slender shrub 2 m. tall  
vine, fls. white

extensive, decumbent  
herb, fls. white

erect, fls. purplish,  
- fading in afternoon.

92 North Carolina

18742

Potts Co.

93

18743 *Oenothera tetragona*  
old road44 *Medeola virginiana*(45a) *Carex swanii*(45) *Carex rixosa*

old road

46 *Zizia bebbii* (C. P. Britt.) Britt. det. P. M.ell.  
old road47 *Iris cristata* Ait. det. C. O. E.  
side of old road48 *Gillenia trifoliata* (L.) Moench  
old roadside49 *Heuchera americana*  
edge of woods50 *Prunella vulgaris*  
old road51 *Panicum breviflorum* det. J. R. S.  
edge of woods52 *Uvularia perfoliata*53 *Ulmus fulva* Michx.54 *Astilbe biternata* (Vahl.) Britt.  
talus at side of old road55 *Polygonatum biflorum* det. C. O. E.  
edge of woods56 *Cryptotaenia canadensis*  
old road57 *Festuca obtusa* Lpn. det. J. R. S.  
steep slope58 *Botrychium virginianum*  
steep slope59 *Arabis*

steep slope, open forest

60 *Smilacina racemosa*  
plant arching, fruit purplish

600 m fls. lemon yellow

600 m fls. grecianish yellow  
- stamens and styles reddish.  
600 m spreading tufts

600 m

600 m large clumps of matted  
rhizomes

550 m

550 m clumps of matted rhizomes.

550 m

550 m

550 m fruit triangular-ovoid  
tree 10 m. tall  
rhizome thick, reddish inside,  
hard woody, 1 m. tall.  
500 m erect, arching, leaves  
glaucous beneath.  
fls. f. white

450 m infl. drooping

450 m ~~fls.~~ fruit withered

450 m

450 m

→

18761 *Lindera benzoin* (L.) Bl.  
· along stream in gully

62 *Adiantum pedatum* L.  
along stream in gully

63 *Cystopteris fragilis* (L.) Bernh.  
wet bank in gully

64 *Hydrophyllum canadense* L. var.?  
along stream in gully

65 *Cyperus hystricinus* det. J.H.S.  
roadsides in vineyard

66 *Bromus japonicus* Thunb. det. J.H.S.  
roadsides in vineyard

67 *Parthenocissus dilatatum* det. J.H.S.  
roadsides in vineyard

68 *Plantago austata*  
roadsides in vineyard, abundant

69 *Vitis rotundifolia*  
woods along road

70 *Galium circaeum*  
woods along road

71 *Ianucula trifoliata* Bickn. det. Mel.  
old road

72 *Asclepias variegata* L.  
small draw

73 *Hydrangea radiata* Walt.  
edge of woods

74 *Santolina ovalifolia* Pers.  
wooded roadside

75 *Hydrangea radiata* Walt.  
wooded roadside

76 *Vaccinium vacillans* Kalm  
thin woods

400m. arching shrub 2 m. tall,  
aromatic when broken.

400 m.

400 m.

400 m. [stems with <sup>petioles</sup> coarse hairs,  
leaves not typical.]

400m.  
400m.

250m. infl. drooping

250m.

400 m.

400 m.

350m. vine climbing over trees

350m. root yellow

350m.

350m. fls. white with purple column

350m. fls. white, shrub, m. tall.

350m. corolla with lips violet,  
tube pale lavender.

350m. fls. white, one or two  
marginal ones sterile and  
enlarged in one infl., not  
in others.

350m. fruita glaucous. lvs.  
glaucous beneath, plants 2-3 dm.

18777 *Galium*  
thin woods  
78 *Vaccinium stamineum*  
thin woods  
79 *Ericocarpus asteroides* (L.) Benth. Et Fls.  
thin woods  
80 *Asclepias tuberosa* L.  
roadside

saddle bet. Warrior Mt. and  
Round Mt., 2 mi. w. n. w. of  
Troy, Polk Co. N. C. alt. 600 m.

June 6, 1942

81 *Gnaphalium purpureum*  
pasture  
82 *Polygonum hydropiper* L. <sup>det. M. B.</sup>  
pasture, large colony in low place

Valhalla, 1.5 mi. w. n. w. of Troy,  
Polk Co. N. C. <sup>June 16, 1942</sup>

83 *Medicago arabica* (L.) Huds.  
edge of cultivated ground.

Wooded gully 4 mi. w. n. w. of Troy,  
Polk Co. N. C.

June 17, 1942

Deep woods, bottom of gully.  
84 *Fagus grandifolia* f. *pubescens*  
85 *Caulophyllum thalictroides*  
86 *Rhododendron maximum* L.  
87 *Hippotiones Anemone acutiloba* (DC.) Laws.  
soot shaded bank.

300 m. large tuft, fls. reddish,  
- lobes aristate  
300 m. bush 1 m. tall, fruits &  
lvs. glaucous, fruit pendent.  
300 m. rays white, disk purple.  
300 m. fls. reddish-orange

✓ erect  
erect, infl. drooping  
fls. single, yellow.  
plant elongate, sprawling

tall tree, over 5 dm. diam.  
- specimens from lower branches  
leaves glaucous beneath,  
- fruit immature.  
shrub 3 m. tall, fls. pinkish  
white.  
sterile

18788 *Phlox carolina*  
at clearing on steep slope  
18789 ~~*Hippocratea*~~ *pubica* Schlecht. Nuttall  
edge of clearing

1 Flat Rocks, Henderson Co. N.C.  
Flat granite outcrop. June 17, 1942 675 m.  
18790 *Pinus strobus*  
shallow soil, edge of granite.  
91 *Crataegus flava* Ait. det. Mev.  
shallow soil pocket  
92 *Juncus macr.* S. F. Gray det. T. J. H.  
shallow black soil  
93 *Penstemon*  
shallow soil  
94 *Vaccinium vacillans*  
shallow soil  
95 *Carex longii* Mads. det. T. J. H.  
thin soil deposit in depression  
96 *Erigeron annuus* (L.) Pers. det. R. Mev.  
shallow black soil  
97 *Panicum tenuissimum* Ait. det. T. J. H.  
thin soil deposit in depression  
98 *Fenugio* ~~galapago~~ *galapago*  
thin soil deposit  
99 *Rumex acetosella* det. Mev.  
thin soil deposit  
18800 *Veronica peregrina* L. det. Mev.  
thin soil deposit  
01 *Selaginella rupestris*  
very abundant on surface of granite  
02 *Krigia virginica*  
rare in small soil pockets  
in crevices, etc.

flos. magenta, stems  
- not conspicuously mottled.  
leaves sensitive, flos. lavender.  
tree 15 m. tall, cones from  
ground beneath.  
shrub 2 m. tall, fruit green.  
tufts  
fruit immature  
bush 5 dm. tall, glaucous,  
fruit immature  
dense clumps  
rays very pale lavender,  
- almost white.  
tufts  
flos. bright yellow  
from underground rhizomes  
forming extensive mats.

18803 *Talinum teretifolium*  
crevices and thin soil pocket

at around upper millpond,  
just s. e. of FlatRock, Henderson Co. N.C.  
675 m June 17, 1942

04 *Gaultheria procumbens* (small) am  
white pine woods

05 *Teephrosia virginiana* det. F. J. H.  
white pine woods

06 *Scutellaria pilosa ovalifolia*  
white pine woods

07 *Heuchera venosa*  
mixed woods

08 *Euphorbia corollata*  
mixed wood.

09 *Stylosanthes urparia* Kearney det. F. J. H.  
white pine woods

10 *Stipa avenacea* L. det. F. J. H.  
mixed wood, white pine wood

11 *Pyrolaria rubra*  
mixed wood

12 *Rhododendron nudiflorum*  
mixed woods

13 *Gaultheria procumbens*  
mixed woods

14 *Galium*

14 *Galium trifidum* var. *tinctorium*  
edge of pond in mud

15 *Ligustrum sinense* Lour.  
small ravine in woods

16 *Rhinaphila maculata*

16a *Alnus serrulata*? edge of pond shrub 2 m. tall

17 *Hedysarum purpureum* (L.) T. G.  
common in woods

fls. bright rose pink, stamens  
yellow, about 15, leaves twice.

leaves dark green, glossy  
- above, fruit immaturo  
standard cream, keel  
bright crimson.

fls. purplish, lower side  
of tuber whitish.

leaves somewhat marked  
with red, fls yellow.

fl. white, later abundant.

plant prostrate, fls. yellow.  
root deep, tough.  
solitary stems

shrub 1.5 m. tall, leaves  
dark green, only rachise. left  
of racemes.

shrub, m. tall

prostrate, budding  
upfl. erect. leaves with  
wintergreen odor when broken  
fls. white, 3 parted

apparently established,  
slender shrub 3 m. tall, fls. white.  
fls. white, lvs. dark green,  
variegated.  
fls. pale lavender.

✓102 North Carolina

1942

18818 *Galax aspifolia* L.  
mixed woods

19 *Vaccinium stamineum*  
low wet woods

20 *Rhododendron viscosum*  
edge of pond

21 *Carex lutea* Wal. det. T. J. H.  
boggy ground

22 *Ilex verticillata*  
close to pond, wet ground

23 *Castanea pumila* Mill.  
low wet ground

24 *Smilax rotundifolia* det. C. O.  
low wet ground in woods

25 *Cornus amomum* Mill  
low boggy ground.

26 *Juncus effusus* var. *solutus* T. & G. det. T. J. H.  
marsh

27 *Carex swanii* (T. & G.) Mack. det. T. J. H.  
low boggy ground

28 *Lysimachia angustifolium* det. C. O.  
low boggy ground, only on sea.

29 *Carex debilis* Michx. det. T. J. H.  
low boggy ground

30 *Panicum microcarpon* Mill. det. T. J. H.  
low boggy ground

31 *Anthoxanthum odoratum*  
low ground

32 *Rubus hispida* L. ex M. R.  
low ground

33 *Panicum clandestinum* det. T. J. H.  
low ground

Henderson Co.

103

spike erect, fls. white

shrub 1 m. tall, fruit  
pendent, immature, fruit  
and leaves glaucous

shrub 3 m. tall, broadly  
clumped, fruit green

shrub 5 m. tall, leaves  
dark green, rugose.  
fls. white

slender shrub 4 m. tall.  
leaves green beneath, fruit  
green.

shrub 2 m. tall, fls. whitish.  
small clumps

spreading weak plants  
roots yellow.

plants prostrate, with a  
tuber at base of stem, fl. white.

104 North Carolina

1940

18834 *Glyceria striata* (Lam.) Hitchc. det. J. B.  
in mud

35 ~~maecas~~ *Monotropa hypopitys*  
under oak trees in <sup>det. Mac.</sup>  
mixed woods.

36 *Renonothoe catesbeiae*  
edge of pond, abundant

37 *Carex swanii* (Fern.) Mack. det. F. J. B.  
partly submerged

38 *Carex allegheniensis* Mack. det. F. J. B.  
growing in water

39 *Panthorhiza simplicissima* Marsh.  
woods near pond

40 *Malaxis unifolia* Michx.  
mixed woods

41 *Euonymus*  
low ground

42 *Danthonia spicata* Austin det. J. B.  
~~low ground~~ mixed woods

43 *Vaccinium vacillans*  
mixed woods

44 *Carex folliculata* L. det. F. J. B.  
edge of pond

45 *Ludwigia palustris*  
edge of pond

46 *Danthonia spicata* L. Bean det. J. B.  
low ground L det. Mac.

47 *Rubus hispida*  
slope in mixed woods

48 *Carex crinita* Lam. det. F. J. B.  
edge of pond

49 *Renonothoe catesbeiae*  
edge of pond

50 *Lyonia ligustrina*  
edge of pond

Henderson Co.

105

inflorescence drooping  
small clumps, brownish,  
odorless

weak shrub, leaves  
leathery

shrub 5-8 dm tall,  
wood and inner bark  
bright yellow

green stemmed shrub, up  
to 1 m. tall, fls. greenish

~~fruitous~~ immature fruits  
and leaves slightly glaucous

prostrate, forming a low mat

prostrate

small clump. spikes  
drooping

sprawling shrub  
leaves leathery

shrub 1-2 m. tall,  
fls. white

✓ Pacolet River, just below  
Valhalla, 1.5 mi. n. w. of Tryon.  
Polk Co. N.C. June 18, 1942

Wooded bottom lands and  
cultivated fields.

18851 *Gleditsia triacanthos*  
solitary tree in field

52 *Amaranthus spinosus*  
edge of cult. field.

53 *Plantago rugelii* Deone.  
edge of field.

54 *Bromus commutatus*  
edge of field

55 *Salix*  
edge of field, along river

56 *Arundo donax* L.  
along ditch, edge of field.

57 *Vitis labrusca* L.  
bank of river

58 *Vitis vulpina* L. (*V. cordifolia*)  
bank of river

59 *Morus rubra* L.  
edge of woods, base of hill

60 *Azimina triloba*  
edge of woods, base of hill

61 *Vitis vulpina* L. (*V. cordifolia*)  
bank of river

62 *Rhus glabra*  
thicket

63 *Arisaema dracontium*  
shaded place near river

tree 10 m. tall, ~~in field~~  
branched thorns on trunk  
- fruit immature  
stem juicy

◆

tree 5 m. tall

canes 5 m. tall, old ones  
which have flowered  
branching.

woody vine climbing  
- in trees, fruits immature

woody vine, climbing  
- in trees, fruits immature

small tree, fruit immature

small, few-branched tree,  
fruits irregular, immature

woody vine, climbing  
over trees.

shrub 3 m. tall, fls. yellow

plant about 1 m. tall

108

North Carolina

1941

18864 *Juglans cinerea*65 *Cyperus globulosus* Aubl. det. T. H. - sandy ground66 *Duchesnea* - shaded ground67 *Parthenocissus quinquefolia*68 *Halesia tetraptera carolina*?69 *Elymus virginicus* var. *glauflous* T. H. - edge of woods70 *Denothera laciniata* Hill - open pasture71 *Campsis radicans* - fence around pasture72 ~~Thlaspi~~ *Tenacium canadense* L. - on weedy bank of ditchWooded hill, <sup>just</sup> north of Pacolet River,  
city below Valhalla, 1.5 mi. n. w.  
of Tryon, Polk Co. N. C.

June 18, 1941

steep hilltop, mixed  
woods.73 *Symplocos tinctoria* L.74 *Quercus marilandica* Muench.75 *Vaccinium pallidum* Willd.

Polk Co.

109

tree 10 m. tall, very glandular  
and sticky, fruit immatureprostrate, fls. yellow  
- fruit red, fleshy, seeds <sup>in</sup> <sub>loosely attached</sub>

woody vine climbing

in trees

tree 6 m. tall, fruit  
pendent green, leaves glaucous  
beneathfls. yellow, mostly faded  
at 1 p.m.

vine, extensively climbing

fls. brilliant scarlet,  
orange outside.

fls. lavender

shrub 2 m. tall, fruit immature

shrub 2 m. tall

~~shrub~~ arching shrubabout 3-4 dm. tall, slightly  
glaucous, fruit immature

Pacolet River Valley, 3<sup>3/4</sup> mi. w. of Tryon, Polk Co. N.C. 300-400 m.  
June 19, 1942

18876 *Osmorhiza claytonii*  
Old road in woods

77 *Salvia lyrata*  
Old road in woods

78 *Stachys latidens* small  
along trail in sunny clearing

79 *Medicago lupulina*  
railroad embankment

80 *Helenium tenerrimum*  
railroad embankment

81 *Zizia bebbii* (C. R.) Britt. det. McV.  
steep wooded slope

82 *Galium circaeum* Mida.  
steep wooded slope

83 *Passiflora incarnata*  
clearing in valley bottom

84 *Ipomoea carnea* L.  
clearing in valley bottom

85 *Diodia virginiana*  
road cut.

Lower Fall Creek ~~at~~ gulch,  
Pacolet River Valley, 4 mi. w. of  
Tryon, Polk Co. 500 m. June 19, 1942

86 *Orechis spectabilis*  
deeply wooded slope

87 *Asplenium platyneuron*  
deeply wooded slope, on small rock, very rare.

root sweet-smelling  
fls. reddish purple  
large plants forming  
tangled mats, fl. yellow.  
fls. yellow  
fruits immature  
roots yellow  
herbaceous vine, fls. with  
greenish perianth, purple  
corona, white banded at  
base, style and stamens greenish  
herbaceous vine, fls.  
- brilliant scarlet  
plant prostrate, fls.  
white, 3-4 parted

past flowering

112 N.C.

1942

Polk Co.

18888 *Dryopteris hexagonoptera*  
densely wooded slope

Var 89 *Viola trivirgata* L. var. *glaberrima* (Ging.) Harp.  
densely wooded slope

90 *Calycanthus nana*  
densely wooded slope

91 *Cynoglossum virginianum*  
densely wooded slope

92 *Orthocarpus virginianus*  
densely wooded slope

93 *Magnolia acuminata*

94 *Lisystrichium albidum* Raf. det. C. C.  
*Lysimachia clethroides* var. *pubescens*

95 *Grevillea cordifolia* L.

96 *Ranunculus recurvatus* Benth. det. T. J. H.  
flat grassy place

97 *Carex swanii* (Tern.) Mack. det. T. J. H.  
flat grassy place

98 *Lamium canadense* L. det. Mack.  
flat grassy place

18900 *Jalium inflorum* Michx.  
flat grassy place

01 *Panicum boscii* det. J. R. S.  
flat grassy place

02 *Circaeum quadrangularis* var. *canadense*  
flat grassy place

03 *Geum canadense* Jacq. det. Mack.  
flat grassy place.  
same loc.

Wet rocky gorge below waterfall

04 *Troutvetteria carolinensis* (Walt.) Vail  
05 *Polypodium vulgare*

113

Only the taller, broader fruiting  
stem erect, no flowers.

shrub, 1 m. tall, fragrant  
when broken fls. maroon, fragrant

fruits withered

tree 10 m. tall, fruits green.  
leaves glaucous beneath,  
tufts, fls. white

weakly ascending  
erect, top arching, stiff  
fls. white

fls. white

fls. white

13906 *Thalictrum clavatum* D. C. det. T. J. H.

07 *Mitchella repens* L.

08 *Carex radiata* (Wahl.) Dewey det. T. J. H.  
shaded under bushes

09 *Xanthorhiza simplicissima* Michx.

10 *Asplenium trichomanes* L.  
tuft on rocks

11 *Hedysarum purpurea*

12 *Rhododendron minus* Michx.?  
sides of gorge

13 *Viburnum acerifolium*

same loc. Tryon Reservoir 6000 ft.  
marshy border of reservoir.

14 *Carex scabriata* Schneid. det. T. J. H.

15 *Panicum sphaerocephalum* L. det. T. J. H.

16 *Agrostis alba* L. det. J. R. S.

17 *Poa compressa* L. det. J. R. S.

18 *Scirpus polyphyllus* Vahl det. T. J. H.

19 *Carex lunda* Wahlenb. det. T. J. H.  
abundant

20 *Isoetes*  
in shallow water

21 *Solidago arguta* Sit. (narrow lvs.) det. T. J. H.

22 *Juncus effusus* Gray det. T. J. H.

23 *Sagittaria latifolia* var. *pubescens* det. T. J. H.  
in shallow water

24 *Eleocharis obtusa*  
sandy beach

25 *Carex scoparia* Schkuhr det. T. J. H.

26 *Juncus acuminatus* Mx. det. T. J. H.

fls. with conspicuous  
white stamens  
prostrate, fls. white.

weak shrub, <sup>5 dm.</sup> tall  
yellow when broken

fls. pale pinkish lavender  
drooping shrub

shrub 2 m. tall, fruit immature

small clumps, infl. erect  
panicle purple.

clump, infl. erect.

small clump, heads very immature.  
clumps, spikes drooping

leaves straight, almost  
erect, protruding above water

fls. ~~scop~~ yellow

petals white

clump, spreading, heads  
yellowish green.

18927 *Juncus marginatus* Rostk. det. T. J. H.  
 23 *Juncus effusus* var. *solutus* <sup>det. T. J. H.</sup> *sensat.*  
 29 *Juncus acuminatus* det. T. J. H.  
 30 *Lysimachia quadrifolia*  
 31 *Hypericum punctatum* Lam. <sup>det. T. J. H.</sup>  
 32 *Juncus acuminatus* Michx. det. T. J. H.  
 33 *Linum striatum*  
     moist ground, above mud.  
 34 *Carex vulpinoidea* Michx. det. T. J. H.  
 35 *Lagittaria latifolia* var. *pubescens* <sup>det. T. J. H.</sup>  
     shallow water  
 36 *Oenothera tetragona*  
 37 *Lysimachia quadrifolia*  
 38 *Arisaema atrorubens*  
 39 *Salix sericea* March. det. C. R. Wall  
 40 *Polygala polypgama* Walt. det. S. F. Bick  
 41 *Ranunculus recurvatus* det. T. J. H.  
 42 *Rudbeckia monticola* Small <sup>det. T. J. H.</sup>  
 43 *Eriogonum* sp. *strigosum*  
 44 *Asclepias tuberosa*  
 45 *Tsuga canadensis*  
     edge of woods above water  
 46 *Panicum ashei* Pearson det. J. R. Swallen  
     disturbed ground at end of dam.  
 47 *Panicum commutatum* Schult. det. J. R. S.  
     disturbed ground at end of dam  
 48 *Panicum dichotomum* L. det. J. R. S.  
     disturbed ground at end of dam  
 49 *Solidago* sp. *angustifolia* det. T. J. H.  
     disturbed ground at end of dam

small tufts, suff. yellow.  
 abundant  
 - fls. yellow  
 - in bud only.  
 lvs. terete  
  
 clumps, stems weak  
 petals white  
 - fls. yellow  
 - fls. yellow, reddish  
 - around stamens  
 - leaves glaucous beneath,  
 - spathe green.  
 - shrub 3 m. tall, leaves  
 - glaucous beneath  
 - fls. magenta  
 - fruit only ~~seed~~ achenes loose.  
 - rays yellow, disk dark  
 - brown, almost black.  
 - rays white, disk yellow-green  
 - fls. red-orange  
 - large tree, 25 m. tall, cones  
 pendent, blue-green  
  
 fls. yellow.

118

S.C.

Molton Creek, 1/2 mi. s. of

Campobello, Spartanburg Co. S.C.

280 m

June 21, 1942

18950 ~~Otto~~ wet ground along rivulet  
in bottom of old dirt quarry

18950 *Juncus debilis* Gray det. T. J. H. B.  
51 *Fimbrina squarrosa* Michx. det. T. J. H.  
52 ~~Paspalum~~  
52 *Juncus marginatus* Roath. det. T. J. H.  
53 *Agrostis hiemalis* (Walt.) M. P. det. T. J. H.

bottom lands along creeks,  
scattered woods and  
open marshes

54 *Ptilimnium capillaceum* (Michx.) Raf. <sup>det. T. J. H.</sup>  
shaded grassy place

55 *Paspalum laeve* Michx. det. T. J. H.

56 *Carex lupulina* Muhl. det. T. J. H.  
muddy place

57 *Carex vulpinoidea* Michx. det. T. J. H.  
dry grassy ground

58 *Nyssa sylvatica*

59 *Gaultheria pilosum* Ait.  
dry grassy slope

60 *Clematis viorna*  
dry grassy slope

61 *Rinaria canadensis*  
dry grassy slope, partly shaded

62 *Sagittaria latifolia* Willd. var. *pulchra* <sup>det. T. J. H.</sup>  
muddy place

63 ~~47~~ *Polygonum sagittatum*  
muddy place

64 *Plantago major* L.  
dried mud

65 *Cornus amomum* L.  
edge of river

119

Spartanburg Co.

119

hairs glistening white.

fls. white

tree 7 m. tall.  
fls. reddish, lobes apiculate  
vine prostrate on ground.  
fls. purple, fleshy.

petals white

elongate, fls. white

leaves flat on ground

tree-like shrub 4 m. tall  
fruit green.

120

South Carolina

1942

13966 *Eryngium prostratum* Nutt. det. N.S.  
silty soil

67 *Cornus foemina* Mill.

68 *Lizyphinchium angustifolium* L. <sup>det. N.S.</sup>  
sandy flat

69 *Cephalanthus occidentalis* L.  
muddy place, abundant

70 *Nuphar advena* (Ait.) Ait. f.  
in muddy pond

71 *Eleocharis obtusa* det. F.J.H.  
wet sandy ground

72 *Sparganium americanum* Nutt. <sup>det. N.S.</sup>  
in shallow muddy pond

73 *Rosa palustris*  
edge of marsh

74 *Oxalis stricta* L.  
sand flat

75 ~~*Quercus stellata*~~

75 *Scirpus validus* Vahl det. F.J.H.  
edge of pool beneath bridge

76 *Helenium tenifolium*  
moist sandy place

dry old ~~pasture~~ <sup>pasture</sup> with scattered  
trees, *Rubus* and *Alnus* bushes.

77 *Paronychia fastigiata* Tourn.  
under large isolated tree

78 *Cocculus carolinianus*  
*Rubus* thicket

79 *Quercus stellata*

80 *Cyperus filiculmis* Vahl det. F.J.H.  
dry slope

81 *Quercus falcata*

Spartanburg Co.

121

tree plant prostrate.  
heads bluish.

shrub 3 m. tall, fruit green,  
fls. blue.

shrub 1 m. tall, fls. white.

fls. yellow

shrub 2 m. tall, fls. rose pink

calms cylindrical

fls. yellow

tangled vine climbing over bushes  
buds white.

tree 6 m. tall, leaves bluish  
beneath.

Tree 10 m. tall

122

South Carolina

1942

19982 *Delphinium agacis*  
thicket, shaded

83 *Vaccinium arboreum* Marsh.  
edge of thicket

84 *Platanus occidentalis*

85 *Specularia perfoliata* (L.) A. Nels.  
under large tree

86 *Arenaria serpyllifolia* L.  
under large tree

87 *Trifolium arvense*  
side of railroad clearing

88 *Crataegus uniflora* Muench. <sup>det.</sup>  
railroad clearing

89 *Vicia dasycarpa* Ten. <sup>det. T. J. H.</sup>  
railroad clearing

90 *Agrostemma githago*  
roadside

91 *Tephrosia spicata* (Walt.) T. & G. <sup>det. T. J. H.</sup>  
roadside

Campobello Co., Spartanburg Co., N.C.  
2100 m. June 21, 1942

Vacant lot

92 *Rubus ulmifolius*  
sunny but dry place

93 *Hedysarum canadense*  
shade of large tree

94 *Stylosanthes riparia* Kearney

Spartanburg Co.

123

colors of flowers from  
white to pink to violet.

shrub 2 m. tall, not  
glaucous, fls. white,  
unlobate.

large spreading tree,  
15 m. tall.

erect

forming a dense ground cover.

shrub 1 m. tall, fairly  
abundant and uniform.

wine climbing on Rubus

plant dried

buds yellow, turning dark  
red, open flowers pale pink.

low arching bushes, 4-5 dm.

tall, ~~fls~~ floricanes rooting  
at tip, flowers pink.

fls. lavender - pink.

plant ascending, fls.  
yellow

124

M.C. - Virginia

1942

Tray, Polk Co. H. L. June 21, 1942

Railroad embankment

18995 *Coreopsis major* Willd. var. *stellata* (Nutt.) Kofl. det. J. B.  
 96 *Eragrostis pectinacea* (Michx.) Presl det. J. B.  
 97 *Euphorbia corollata* — supine leaf det. J. B.  
 98 *Eragrostis cilianensis* (All.) Link det. J. B.  
 99 *Achillea millefolia*  
 419000 *Croton glandulosus* L. det. McV.  
 01 *Polygonum convolvulus* L. det. McV.  
 02 *Euphorbia maculata* L. det. McV.  
 03 *Chenopodium bosniacum*  
 04 *Echium vulgare*  
 05 *Letaria viridis* (L.) Beauvois det. J. B.

Sleepy Hollow, 1 mi. S Falls Church  
Fairfax Co. Va. June 30, 1942

06 *Trifolium* det. J. B.  
lawn. planted this year.

1 mi. n. e. Cherrydale, s. of Wendy  
Run, near Potomac R., Arlington  
Wooded slope alt. 600 m. July 26, 1941  
07 *Fagus*

08

09 *Coreopsis*  
brushy clearing  
10 *Passiflora lutea* L.  
brushy clearing

Sleepy Hollow  
*Panicum gattingeri* Nash

July 26, 1942

Polk Co. Fairfax Co. Arlington Co. 125

fls. yellow  
tufts spreading  
prostrate, sap milky  
tufts spreading  
rays white  
erect  
vine, fls. white  
plant arching, ascending,  
plant branched, 3 dm. tall,  
flowers blue, fading pinkish

fls. rose pink

tree 10 m. tall, 2 dm. through,  
bark dark brownish gray,  
(specimens from near top)  
herbage with turpentine  
odor, fls. white  
up to 3 m. tall, rays yellow

vine climbing on bushes and trees,  
fls. pale yellow

weed in driveway

3 mi. s. e. Rockville, wooded  
knolls n. e. of Rock Creek,  
Montgomery Co. alt. 85 m. July 26, 1842

4003 Thicket woods, soil evidently  
somewhat acid.

19012 *Circæa quadrangularis* var. *canadensis*  
rich low place

13 *Lactuca*

14 *Tulularia discolor* (Vahl) Nutt.

15 *Pyrola elliptica*

16 *Hedysarum*

17 *Malaxis unifolia*

18 *Pyrola* <sup>roundifolia</sup> <sub>var.</sub> *americana* (Sweet) Fern.

19 *Pyrola chlorantha* var. *fulviflora*

20 *Galium pilosum*

21 *Chimaphila umbellata* <sup>var.</sup> <sub>var.</sub>

22 *Carex*

23 *Mitchella repens* L.

24 *Lobelia spicata* var. *scapo-rosea* M. V.

25 *Lycopodium complanatum* L.

26 *Pyrola secunda*

27 *Goodyera pubescens*

28 *Fagus grandifolia* L.

29 *Monotropa uniflora*

30 *Chimaphila maculata*

31 *Lycopodium lucidulum*

32 *Quercus rubra*

edge of wood

abundant locally  
in depressions.

- plant 2 m. tall, fls. yellow
- plants scattered in wood, tubers grayish white,
- flowers greenish brown.
- leaves light green.
- fruits green.
- small tufts, fls. pale lavender.
- fls. green
- leaves bright green, fruit green.
- leaves somewhat bluish green,
- fruits green.
- plant ascending, roots yellow
- fruit immature
- culms spreading, weak,
- prostrate, fruit immature,
- old fruit scarlet.
- leaves flat on ground, scape ascending
- stem prostrate, fruit erect.
- leaves rather pale green, fruit green.
- leaves gray, ~~var. willmottii~~, flowers white.
- tree 10 m. tall, bark brownish green, fls. from base branch.
- plant translucent white, almost odorless.
- leaves gray-green, white along midrib.
- humus at base of tree
- tree 1 m. tall, leaves green beneath

128 Virginia

1942

Fairfax Co.

129

✓ Sleepy Hollow, - - false sunflower  
along Tappahannock River, Lancaster Co  
Sept 1.

pansies

11033 *Thlaspirotundatum* L  
weed

34 *Browallia*  
cult.

35 *Digitaria filiformis* W. J. R.  
weed

36 *Digitaria sanguinalis* det fls.  
weed

flowers purple

fls. blue, with yellow and  
white center

130

131

156

157



1 200



